

a	Date and time the application was submitted	Y
b	Case number	Y
c	Permit number	Y
d	Officer name and ID number	Y
e	Check box for new or renewing applicants	Y
f	Applicant's first name, middle name and last name	Y
g	Applicant's address, including the city, state and zip code	Y
h	Applicant's home phone number, business cell phone number and cell phone number	Y
i	Applicant's birthdate	Y
j	Applicant's Driver's License number and state in which it was issued	Y
k	Applicant's social security number	Y

Area 27 Permits and Licensing		
No.	Request	
l	Applicant's height	Y
m	Applicant's weight	Y
n	Applicant's hair color	Y
o	Applicant's eye color	Y
p	Applicant's place of birth	Y
q	Is the applicant a US citizen? Check box indicating yes or no	Y
r	Proposed business name	Y
s	Proposed business address	Y
t	Proposed vehicle storage location	Y
u	Name address and phone number of all people financially interested in the company	Y
v	Permit number	Y
w	Picture of the applicant	Y
x	Has the applicant ever had a permit to operate a taxicab in any jurisdiction, revoked or suspended? Check box indicating yes or no. Field to type in, if yes box is checked.	Y
y	Has the applicant had any previous experience either as an owner or driver of any taxicab entity? Check box indicating yes or no. Field to type in, if yes box is checked.	Y
z	Is checked.	Y
aa	Has the applicant ever been convicted of, or pled guilty or no contest to any crime? Check box indicating yes or no. Field to type in, if yes box is checked.	Y
ab	The address, city and state of the applicant's residence for the previous 5 years.	Y
ac	The company name, address, city, state and phone number of the applicant's three previous places of employment	Y
Taxicab Driver's Permit Requirements - Section 3		
1	Taxicab Driver's Permits should support:	Y

Area 27 Permits and Licensing		
No.	Request	
a	Title of Permit	Y
b	Permit number	Y
c	Taxicab company name	Y
d	Applicant's name	Y
e	Applicant's photo	Y
f	Permit issued date	Y

	g	Permit expiration date		Y
	h	Field to enter the CMC, etc.		Y
2		The software must provide an alert prior to the permit expiring.		Y
3		The software must support creation of a mailing prior to permit expiring.		Y
4		The software should support the following taxicab applicant's information:		Y
	a	Date and time the application was submitted		Y
	b	Case number		Y
	c	Permit number		Y
	d	Officer name and ID number		Y
	e	Check box for new or renewing applicants		Y
	f	Applicant's first name, middle name and last name		Y
	g	Applicant's address, including the city, state and zip code		Y
	h	Applicant's home phone number, business cell phone number and cell phone number		Y
	i	Applicant's birthdate		Y
	j	Applicant's Driver's License number and state in which it was issued		Y
	k	Applicant's social security number		Y
	l	Applicant's height		Y
	m	Applicant's weight		Y
	n	Applicant's hair color		Y
	o	Applicant's eye color		Y

Area 22 Permits and Licenses				
	No.	Request		
	p	Applicant's place of birth		Y
	r	Permit number		Y
	s	Photo of the applicant		Y
	t	Has the applicant ever had a permit to operate a taxicab in any jurisdiction? Check box indicating yes or no. Field to type in if yes is checked.		Y
	u	Has the applicant's license ever been suspended or revoked? Check box indicating yes or no and a field to type in if yes box is checked.		Y
	v	The applicant's places of residence for the prior two years.		Y
Tow Business Owner's Permit Requirements - Section 4				
1		Tow Business Owner's Permits should support:		Y
	a	Title of Permit		Y
	b	Tow company name		Y
	c	Business owner's name		Y
	d	Business owner's photo		Y
	e	Applicant's business address		Y
	f	Permit issued date		Y
	g	Permit expiration date		Y
	h	Permit number		Y
	i	Year, Make, Model, VIN, License Plate Number, Permit Number, and Seating Capacity for each taxicab permitted to the business.		Y
	j	Field to enter the CMC, etc.		Y
	k	Signature lines		Y
2		The software must provide an alert prior to the permit expiring.		Y
3		The software must support creation of a mailing prior to permit expiring.		Y

Area 27 Permits and Licensing

No.	Request	
4	The software should support the following tow business owner's information:	Y
a	Date and time the application was submitted	Y
b	Case number	Y
c	Permit number	Y
d	Officer name and ID number	Y
e	Check box for new or renewing applicants	Y
f	Applicant's first name, middle name and last name	Y
g	Applicant's address, including the city, state and zip code	Y
h	Applicant's home phone number, business cell phone number and cell phone number	Y
i	Applicant's birthdate	Y
j	Applicant's Driver's License number and state in which it was issued	Y
k	Applicant's social security number	Y
l	Applicant's height	Y
m	Applicant's weight	Y
n	Applicant's hair color	Y
o	Applicant's eye color	Y
p	Applicant's place of birth	Y
r	Is the applicant a US citizen? Check box indicating yes or no	Y
s	Proposed vehicle storage location	Y
t	Name address and phone number of all people financially interested in the company	Y
u	Permit number	Y
v	Picture of the applicant	Y

Area 27 Permits and Licensing

No.	Request	
w	Has the applicant ever had a permit to operate a business in any jurisdiction, revoked or suspended? Check box indicating yes or no. Field to type in, if yes box is checked.	Y
x	Has the applicant's license ever been suspended or revoked? Check box indicating yes or no. Field to type in, if yes box is checked.	Y
y	The applicant's places of residence for the prior two years.	Y
Tow Truck Driver's Permit Requirements - Section 5		
1	Tow Truck Driver's Permits should support:	Y
a	Title of Permit	Y
b	Permit number	Y
c	Tow company name	Y
d	Applicant's name	Y
e	Applicant's photo	Y
f	Permit issued date	Y
g	Permit expiration date	Y
h	Field to enter the OMC, etc.	Y
2	The software must provide an alert prior to the permit expiring.	Y
3	The software must support creation of a mailing prior to permit expiring.	Y
4	The software should support the following tow truck driver applicant's information:	Y
a	Date and time the application was submitted	Y
b	Case number	Y

c	Permit number	Y
d	Officer name and ID number	Y
e	Check box for new or renewing applicants	Y
f	Applicant's first name, middle name and last name	Y
g	Applicant's address, including the city, state and zip code	Y

Area 27 Permits and Licensing
No Request

h	Applicant's home phone number, business cell phone number and cell phone number	Y
i	Applicant's birthdate	Y
j	Applicant's Driver's License number and state in which it was issued	Y
k	Applicant's social security number	Y
l	Applicant's race	Y
m	Applicant's height	Y
n	Applicant's weight	Y
o	Applicant's hair color	Y
p	Applicant's eye color	Y
q	Applicant's place of birth	Y
r	Permit number	Y
s	Photo of the applicant	Y
t	Two previous residential addresses	Y
u	Two previous employers	Y

Message Permit Requirements - Section 6		
1	Message Permits should support:	Y
a	Title of Permit	Y
b	Permit number	Y
c	Field to enter the CMC, etc.	Y
d	Activity	Y
e	Business name	Y
f	Business location	Y
g	Hours of operation	Y
h	License expiration date	Y
i	Applicant's name	Y
j	Applicant's date of birth	Y

Area 27 Permits and Licensing
No Request

k	Applicant's height	Y
l	Applicant's weight	Y
m	Applicant's hair color	Y
n	Applicant's eye color	Y
o	Signature lines	Y
p	Date	Y
r	Terms and Conditions	Y

2	The software must provide an alert prior to the permit expiring.	Y
3	The software must support creation of a mailing prior to permit expiring.	Y
4	The software should support the following massage permit applicant's information:	Y
a	Date and time the application was submitted	Y
b	Case number	Y
c	Officer name and ID number	Y
d	Check box for new or renewing applicants	Y
e	Applicant's first name, middle name and last name	Y
f	Applicant's address, including the city, state and zip code	Y
g	Applicant's home phone number, business cell phone number and cell phone number	Y
h	Applicant's birthdate	Y
i	Applicant's Driver's License number and state in which it was issued	Y
j	Applicant's social security number	Y
k	Applicant's sex	Y
l	Applicant's race	Y
m	Applicant's height	Y
n	Applicant's weight	Y
o	Applicant's hair color	Y
p	Applicant's eye color	Y

Area 27 Permits and Licensing		
No.	Request	
r	Applicant's place of birth	Y
t	Permit number	Y
u	Photo of the applicant	Y
v	The applicant's places of residence for the prior two years.	Y
w	Two previous employers	Y
x	The name and address of the massage business the applicant is applying to work at	Y
y	The massage business owner's name	Y
z	The massage business owner's Richmond Business License Number	Y
aa	Check box indicating is the applicant is a business owner or employer, or employee or independent contractor.	Y
ab	Types of massages to be administered	Y
ac	Has the applicant had a previous license for permit for a massage? Check box for Yes or No. Field to type in if yes is checked.	Y
ad	Has the applicant's license ever been revoked or suspended? Check box indicating yes or no. Field to type in if yes is checked.	Y
ae	Check box indicating if the applicant has read and understands the Richmond City Massage Ordinance	Y
af	Has the applicant provided written proof that he or she is over 18 years old?	Y
ag	The name, address and phone number of the massage school that the applicant attended.	Y
ah	The applicant's specialty of study?	Y
ai	Hours completed?	Y
aj	Dates From and To	Y

Area 27 Permits and Licensing		
No.	Request	
ak	Did the applicant graduate or was he or she certified?	Y

al	Was the PD's message test administered?	Y
am	Who administered the test?	Y
an	Check box indicating if the applicant passed or failed the test?	Y
ao	Yes or No check box indicating if the applicant was exempt from the message test.	Y
ap	What year did the applicant pass the message test?	Y
aq	Is the application for a Richmond Police Department Message Permit approved or denied?	Y
ar	Field to indicate the reason	Y
as	Employee	Y
at	Date	Y
Alarm Permit Requirements - Section 7		
1	Alarm Permits should support:	Y
a	Title of Permit	Y
b	Permit number	Y
c	Alarm location	Y
d	Apt. #	Y
e	Suite #	Y
f	Date	Y
g	Permit type, check box for Burglary or Robbery	Y
h	Alarm Type, check box for Audible or Silent	Y
i	Name of resident applicant	Y
j	Home phone/business phone	Y
k	Business applicant	Y
l	Business phone	Y
m	Alarm company name	Y
n	Phone	Y
o	Billing address	Y

Area 22 Permits and Licensing		
No.	Request	
p	Emergency response contacts, minimum of two who can: 1) respond to alarm location within 20 minutes 2) reset alarm	Y
r	Name	Y
s	Phone	Y
t	Alternate phone	Y
u	Name	Y
v	Phone	Y
w	Alternate phone	Y
x	Name	Y
y	Phone	Y
z	Alternate phone	Y
2	The software must provide an alert prior to the permit expiring.	Y
3	The software must support creation of a mailing prior to permit expiring.	Y
Concealed Weapons Permit Requirements - Section 8		
1	Concealed Weapons Permits should support:	Y
a	Title of Permit	Y
b	Permit number	Y
c	Applicant's name	Y

	d Permit issuer	Y
	e Applicant's photo	Y
	f Qualification date	Y
	g Field to type any relevant information	Y
	h Field to enter certified weapons	Y
2	The software should support the following solicitors information:	Y
	a Title of Permit	Y
	b Company name	Y
	c Applicant's name	Y
	d Applicant's photo	Y

Area 27 Permits and Licensing		
No.	Request	
	e Issuing Officer's name	Y
	f Issued date	Y
	g Expires date	Y
	h File number	Y
	i Field to enter the CMC, etc.	Y
3	The software must provide an alert prior to the permit expiring.	Y
4	The software must support creation of a mailing prior to permit expiring.	Y
5	The software should support the following Solicitor's permit information:	Y
	a Date the application was submitted	Y
	b Case number	Y
	c Applicant's first name, middle name and last name	Y
	d Applicant's home phone number	Y
	e Applicant's business phone number	Y
	f Applicant's social security number	Y
	g Applicant's Driver's License number and state in which it was issued	Y
	h Date of birth	Y
	i Place of birth	Y
	j Sex	Y
	k Race	Y
	l Height	Y
	m Weight	Y
	n Hair	Y
	o Eyes	Y
	p Other names used (Maiden, etc.)	Y
	r Business Name	Y
	s Business Address	Y
	t Business City	Y

Area 27 Permits and Licensing		
No.	Request	
	u Supervisor	Y

Explanation (if required)

Request
K-9 Training - Section 1

Provide Answer
Yes (Y) or No (N)
for Each Item

[illegible]

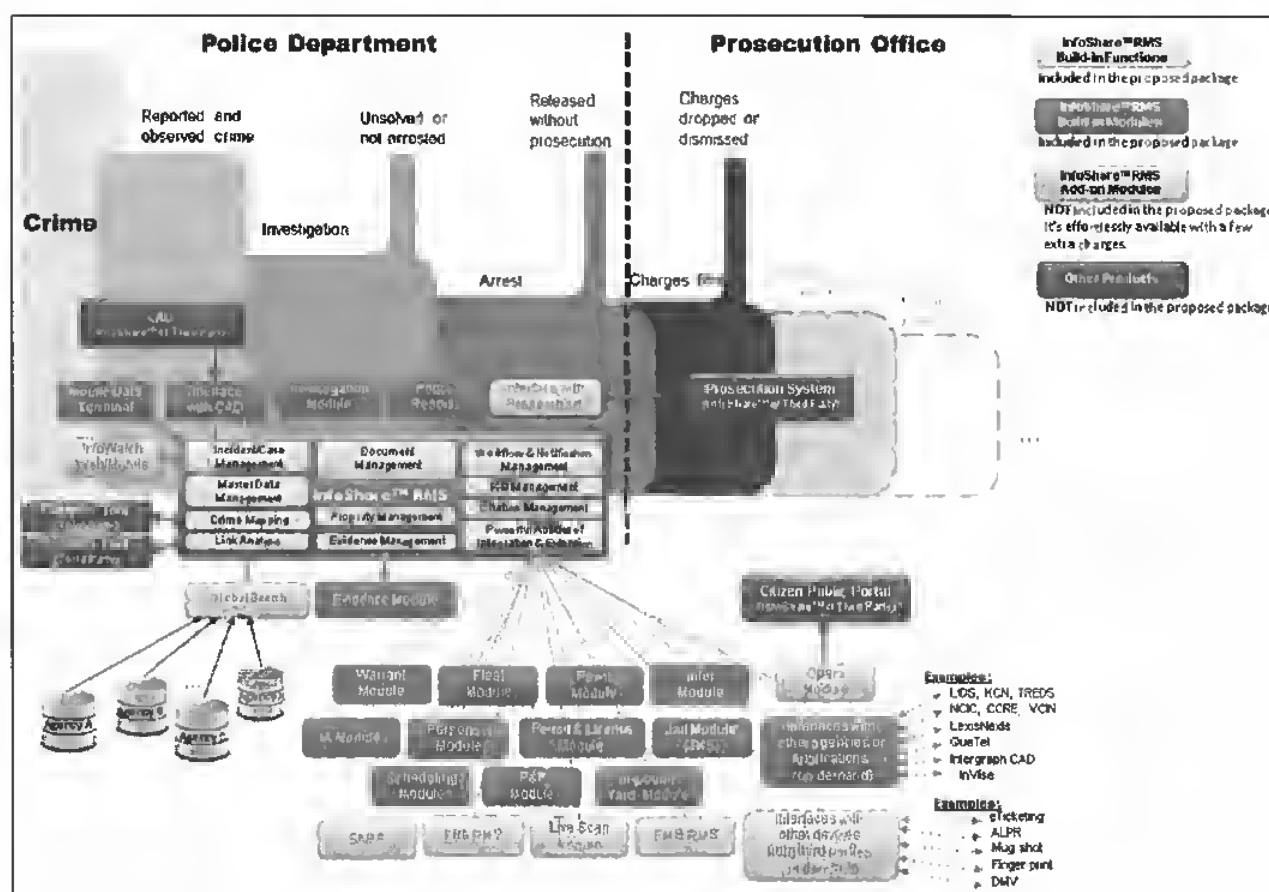
Area of Question	Provide Answer: Yes (Y) or No (N) for Each Item	Explanation (if required)
General		
The Quarter Master function of the Records Management System is intended for managing the status of Assets, Supplies, Fleet and Uniforms that have been issued or assigned to personnel and locations with the ability to record, track and report on all items that are issued within the agency.		
1		The system's Quartermaster/Asset Inventory Management Module must be able to track unlimited assets (radios, cameras, equipment, facilities, etc.)
1a.		- Track purchase information, purchase vendor, life cycle, deactivation, replacement dates
1b.		- Track inspection, repairs, and history of assignments to employees, other assets, or divisions
2		The system's Quartermaster/Asset Inventory Management Module must be able to track unlimited asset inventory items (duty gear, tactical supplies, weapons, office supplies, etc.)
2a.		- Serialization of items
2b.		- Barcodes for easy assignment.
2c.		- Expiration, replace, or discard dates.
2d.		- Inventory values based on purchase history.
2e.		- Ability to create or input barcode numbers and scan to find items
3		The system's Quartermaster/Asset Inventory Management Module must be able to facilitate Item Order
3a.		- Store and manage quantities, costs, and vendor information.
3b.		- Store and report on grant or other funded purchase items.
3c.		- Ability to facilitate bidding process and quickly send out purchase requisitions.
3d.		- Auto-generate orders for needed items and export to external financial applications if desired or required
3e.		- Ability to tie orders to specific GL codes or budgets.
4		The system's Quartermaster/Asset Inventory Management Module must provide a Check-in/Check-out functionality to personnel
4a.		- Maintain issuance history
4b.		- Barcode scanner ready
4c.		- Ability to create templates for standard sets of issuances (for example, a new hire)
4d.		- Limit issue of items based on certifications or licensing
4e.		- Ability to provide automated email and/or printed receipt of items issued to employee for record keeping.
5		The system's Quartermaster/Asset Inventory Management Module must facilitate Item Requests
5a.		- Web-based portal for employees to request items from their smart phone, tablet or PC through a standard web browser.
5b.		- Approval process included with automatic alerts to supervisors
5c.		- Ability for employees to view existing items issued to them
6		The system's Quartermaster/Asset Inventory Management Module must include Employee Management
6a.		- Scheduled license/certification renewal
6b.		- Issued items list
6c.		- Details such as service years, uniform sizes to make ordering easier
6d.		- Ability to manage shifts and uniform allowances, depletions, and amount left
6e.		- Service stripes, stars, or other accessories noted on employee records to ensure correct uniforms
7		The system's Quartermaster/Asset Inventory Management Module must have the ability to provide Automated Alerts
7a.		- Expiring items
7b.		- "End-of-life of" or overdue items
7c.		- Overdue checked out items
7d.		- Items requiring maintenance
7e.		- Items needing reorder
8		The system's Quartermaster/Asset Inventory Management Module must have robust Reporting capability with standard "canned" and customizable reports
8a.		- Issue history by employee (with costs for certain date ranges)
8b.		- Send an employee a list of what has been issued to them with one click
8c.		- Item reorder list by vendor
8d.		- List of items issued for employees
8e.		- Expiring "end-of-life of" or overdue items list
8f.		- Vendor purchase history
8g.		- Employee license/certification renewal schedule
8h.		- Inventory totals and values for a date range
8i.		- All reports can be exported or emailed directly from the system
8j.		- Easy create charts and graphs from the data
General Technical		
1		Configurable security roles allowing appropriate access levels per user

2	System must be entirely barcode compatible with ability to move items within the system per single item or batch movement.	Y
3	Ability to import/export data easily through .csv files	Y
4	Provide powerful data queries and filtering capability	Y
5	Full auditing capability including who deletions, additions, or any changed data in the system.	Y
6	Highly configurable to allow changes to the interface, fields, or workflow to better suit you specific needs today or down the road	Y

InfoShare™ RMS Highlight

This section will highlight our response to your requirements in the spreadsheet you provided of Functional Specifications and Technical Requirements. We wanted to provide you with details to the answers we gave in the spreadsheet.

CSI Technology Group presents our solution, the InfoShare™ Records Management System, with fully integrated modules for investigation and evidence processing and complete records/ case management and data sharing capabilities. InfoShare™, a hybrid cloud solution, utilizing an Amazon AWS GovCloud platform which provides VPC (virtual private cloud) with the full network security, EC2 VMs and S3 storage services, operating within a target hardened facility with out-of-state disaster recovery, has been designed by law enforcement professionals for law enforcement professionals.



▲InfoShare™ RMS provides a total integration solution to public safety agencies.

Our InfoShare™ RMS revolutionizes police data collection and reporting, providing a total solution for capturing data and tracking cases, from the moment a Call for Service (CFS) is received through case disposition. The InfoShare™ RMS will provide Richmond City PD with a city-wide system for the storage, retrieval, management, archiving, and viewing of information, records, documents and files to support law enforcement operations throughout the city. Our RMS can interface with the various other CAD and RMS systems that may still be in use at the time of implementation, including the Intergraph CAD, QueTel or InVise, mentioned in the RFP.

CSI has implemented our RMS and CAD products to successfully provide complete integration with many other vendors' CAD and RMS products. The CSI's InfoShare™ RMS is also designed to support inter-agency data sharing and can support the operations of the various law enforcement and prosecutorial agencies in the county. Today, many police departments in New Jersey are electronically submitting files and records to the county prosecutor and InfoShare™ is supporting the case management of many county agencies.

Our RMS also provides capabilities for searching external databases, such as NCIC and DMV, and also interfaces with LIDS, KCN, TRED5, VCIN, CCRE, and LexisNexis to further streamline the booking process. Regular and supplemental police reports are easily generated from the data captured in the RMS and, upon completion, are electronically submitted to the supervisor for review. After all reports are approved, officers' digital signatures are applied and the reports are then converted to PDF versions for document storage and easy retrieval or electronic transmission. Also the print jobs will be directed to various network or local printers.

InfoShare™ RMS also offers unique features such as smart device integration and specialized tools for crime analysis and crime mapping. These provided capabilities can be easily extended through integration of third party analysis tools, which our RMS easily accommodates. Because of CSI's use of standards-based technology such as NIEM, GJXML, defined interfaces and web services, our RMS provides the Department of Public Safety with the further capability to electronically forward and share RMS data to cooperating agencies such as a Sheriff's Office, Prosecutor's Office, Public Defender and other law enforcement and prosecutorial agencies.

CSI provides an RMS accessible by all authorized users to create a single knowledge base, within and between Sectors and Precincts, and facilitate the sharing of resources within the agency. InfoShare™ provides integration with Active Directory or other single sign-on (SSO) mechanisms for user authentication.

We also give the agency control over user groups, support files, form template generators, permissions and other settings so that the agency's administrators are empowered to maintain the system as your requirements demand. While we pride ourselves on *unparalleled customer service and support*, we also know that the convenience of "getting it done immediately" is the right thing to do for our clients.

► InfoShare™ RMS provides extensive capabilities for data and resource sharing among agencies



Major Advantages of InfoShare™ RMS

- Off-the-shelf system, yet highly configurable (support file and business rule driven).
- A complete RMS application that supports all aspects of a case from start to finish, from investigation to arrest, with historical information analysis to prevent future crime activity and/or to support the next investigation.
- Extensible design accommodates future needs (enlarged user capacities, extended functionalities, involved agencies, etc.).
- RMS has a “PUSH-TO-INTEL” function to transmit reports for evaluation by the Intel unit for 28CFR23 Criminal Intelligence.
- InfoShare™ RMS is a mature cloud solution, ready for the need of public, private or hybrid cloud, utilizing a Amazon AWS GovCloud platform, which provides VPC (virtual private cloud) with the full network security, EC2 VMs and S3 storage services, operating within a target hardened facility with out-of-state disaster recovery.
- Flexible middleware design is compliant with JXDM, NIBRS, CJIN, NIEM, BJA, CJIS and additional protocols on demand.
- Mature interface design seamlessly integrates with third-party applications on demand, e.g., third-party's CAD, FBI's N-Dex, UCR data/document exchanges with State/County agencies.
- Flexible middleware design is compliant with JXDM, NIBRS, CJIN, NIEM, BJA, CJIS and additional protocols on demand.
- Modern, web-based technology provides platform independent accessibility and capability for extended access by law enforcement officers and other users. As long as there's a device which equipped with a web browser connected to the Internet, all the InfoShare™ RMS functions work.



▲ Example of InfoShare™ RMS running on web browser. (The official support browsers including IE8.0 or above, Chrome, Firefox, Safari)

- InfoShare™ RMS provides real time data and resource sharing between multiple law enforcement agencies with single-point data entry and permission based, role based security access control.

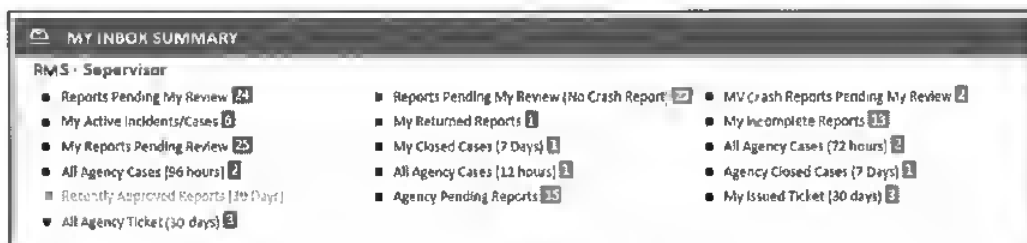


▲ When a User logs into the InfoShare™ application, they are greeted with their own logos and the reports are their reports with their logos affixed.

- Evidence management functionality through the InfoShare™ Evidence module provides full evidence control across cases, or even across agencies, to share evidence tracking and information.
- Tracking assignments and responsibilities through **User Inboxes** allows each user to easily identify cases that they are assigned to without searching.



▲ Example of Inbox Notification for an officer



▲ Example of Inbox Notification for a supervisor

- Our data conversion service accurately converts legacy data (including documents and multimedia files) to the InfoShare™ RMS database. Converted records and files are integrated into the database and accessible through the RMS; they are not just note fields or fields accessed through an interface to the legacy data.
- Global search capability provides access to data across jurisdictional borders, enabling information sharing citywide (or further).
- Maintains operational security through permissions and role-based authorization and access:
 - Permissions can be user- based (assigned to an individual or group of individuals across the board).
Example – A clerical staffer may not need to have access to certain types of cases or cases outside of his/her section.

- Permissions can be case-based. *Example* – A weapons trafficking unit may need to segregate a case from the general user base, however, they may need to also involve specific Troopers assigned to an urban initiative.
- Ensures that the use of forms remains consistent and regulated by all users at all times through the use of standardized report blanks, which are maintained within the InfoShare™ application. These auto-fill templates minimally include—
 - Investigations or Major Incident Report
 - Supplemental Report
 - Arrest Reports
 - Driving While Intoxicated Reports
 - Bias Incident Report
 - Motor Vehicle Accident
 - Domestic Violence Reports
 - Juvenile Complaint Form
 - Missing Person's Reports
 - Police Pursuit Report
 - Use of Force Report
 - Property Report
 - Lab Request
 - Street Gang Offense Report
- Customizable workflow for the routing of reports through the approval process.
 - Reports can be reviewed and corrections noted. These reports can be sent back to the author for correction. The *author* is the one who always makes corrections to their report for Courtroom testimony integrity.
 - Once reports receive final approval, digital signatures are affixed and the reports are saved in a sanitized PDF format for Discovery purposes. (In New Jersey, all corrections are truncated from the meta data, as they are not required to be maintained, according to NJ state law. This feature can be modified to accommodate Richmond City's regulations.)
- Includes extensive reporting features and canned reports to meet the administrative needs of the agencies of the Police Department of Richmond City. A Supervisor or other approved user can execute a search based on select parameters to provide statistical reports, productivity reports, and UCR/NIBRS Reporting.
- Powerful search functions retrieve data using various criteria, such as searching by criminal type, specific time period, incident location, and/or any related parties.
- Breaks down silos of information, promotes data and resource sharing with the InfoShare™ RMS Master Data Model and powerful search functions for common objects, such as:
 - Person Name Index Search
 - Vehicle Index Search
 - Property Index Search
 - Organization index search
- Provides outstanding analysis abilities. The InfoShare™ RMS application has two embedded, powerful analysis tools: **Crime Mapping** and **Link Analysis**, providing the ability to find patterns of criminal activity through more accurate filtering. Furthermore, data in the RMS can be exported to third party, specialized analysis products, extending the data analysis ability.

One of our goals as a service provider is to have a subject's pedigree information **ENTERED ONCE** for his/her lifetime. The users always have the ability to update their information, but with today's technology, there is absolutely no reason that data should have to be entered multiple times. When adding or updating a case by adding a party, the system checks InfoShare™'s Master Name Database and automatically populates the case with the existing data. The user then has the ability to update the existing information and the system moves the previous information to the historical data file. Because the database is updated in real time, the modified information is immediately available to all. The extensive historical data, i.e. AKA's, SSNs, addresses, phones, etc., becomes very helpful for the agency users.

Area 1— Global Requirements

Platform Choice

This implication involves *where* you plan to run the system, *whom* you prefer to operate the infrastructure, *what type* of devices (brand of server, virtual or physical, etc.) you use. In the sections that follow, we provide much more extensive detail and discussion on private cloud, hosted cloud (SaaS for Software-as-a-Service) operation or physically self-hosted models, all of which CSI's InfoShare™ supports.

Web-Based Design

There are RMS systems with "fat-client" or "full-client" or sometimes called a "client-server" design, and we feel the risks and costs increase with this design. It is a tremendous multiplier in terms of local computer software installs and PD agency desktop installs. The software has to be maintained and updated on a large number of devices with undoubtedly various age, RAM, Disk Space, even Operating System versions. This is a primary reason that InfoShare™ uses a web-based design.

User-Configuration and Support Files

As referenced below under "Multi-Agency Coverage," the design of the InfoShare™ RMS 'engine' makes it easy for our customers to take control of the administration of their systems. InfoShare™ design utilizes support files, which CSI provides to you at initial configuration and deployment time, but which also will no doubt change over time. New statutes, addresses, Points of Interest, staff approvals, document templates, etc. are the types of data controlled through these support files and can all be viewed and updated without the need to call CSI. We are, of course, happy to make these changes for you, or assist your system administrator in doing so, but our observation has been that all of our customers gradually, with experience, seem to take on this function as they streamline operations.

According to this technology architecture, InfoShare™ RMS is highly configurable and it's a support file and business rule driven system. It allows for individual "support files" such as menu items or drop-downs to be maintained separately to serve the potentially unique needs of each of the tenant agencies, as the small snapshot showed below.

Module			
Age Range	CAD Incident/CFS Types	Case Disposition Tracking Codes	Case Number Type
CFS Caller Types	CFS Source Types	CFS Types	Charge Source
CJP Item Check List	Court Codes	Crash Report - Airbag Deployment	Crash Report - Apparent Contributing Circumstances
Crash Report - Apparent Physical Status	Crash Report - Cargo Body Type	Crash Report - Cell Phone In Use By Driver	Crash Report - Crash Type
Crash Report - Direction of Travel of Vehicle	Crash Report - Ejection From Vehicle	Crash Report - Environmental Condition	Crash Report - Light Condition
Crash Report - Location of Most Severe Physical Injury	Crash Report - Position In/On Vehicle	Crash Report - Pre-Crash Action	Crash Report - Road Character
Crash Report - Road Divided By	Crash Report - Road Surface Condition	Crash Report - Road Surface Type	Crash Report - Road System
Crash Report - Safety Equipment Avail	Crash Reports - Sequence of Events	Crash Report - Sex	Crash Report - Special Function Vehicles
Crash Report - Temporary Traffic Control Zone	Crash Report - Traffic Controls	Crash Report - Type of Most Severe Physical Injury	Crash Report - Vehicle Impact Area
Crash Report - Vehicle Type	Crash Report - Vehicle Use	Crash Report - Victim's Physical Condition	Crash Report - Which Vehicle Occupied
Crash Report - Yes/No	Dual Authentication Agency List	Inactive Days	Property Disposition
Release Reason Codes	Report Method Codes	Restriction Class	Resolution Type
Ticket Type	Type of Investigative Assignment	Type of Premises Codes	

▲ Example of configurable support files

Support File List: CFS Source Types

Filter: Search

Add Main Deleted Support File List Press "Ctrl + F" to search content

12 Records - 1 - 12 Displayed Page Size: 100

Code	Description
0	9-1-1 CALL
1	TELEPHONE
10	MDT
2	RADIO
11	MAIL
12	IN-PERSON
13	C.B. RADIO
14	OTHER
15	ALARM (NOT FIRE)
16	(FIRE)BOX ALARM
17	(FIRE)ALARM/STATION
18	RMS

Add Main Deleted Support File List Update Support File Caption

Type: Click Add Button to add new record or Main Button to return to view previous page. Click Deleted Support File List to Update Support File Caption Button to update support file's information.

Update Support File: CFS Source Types

Code (Req.) 0

Description (Req.) 9-1-1 CALL

190 characters left

NEW

50 characters left

Update Delete Back Main

Tips: Click Add Button to add new record or Main Button to return to view

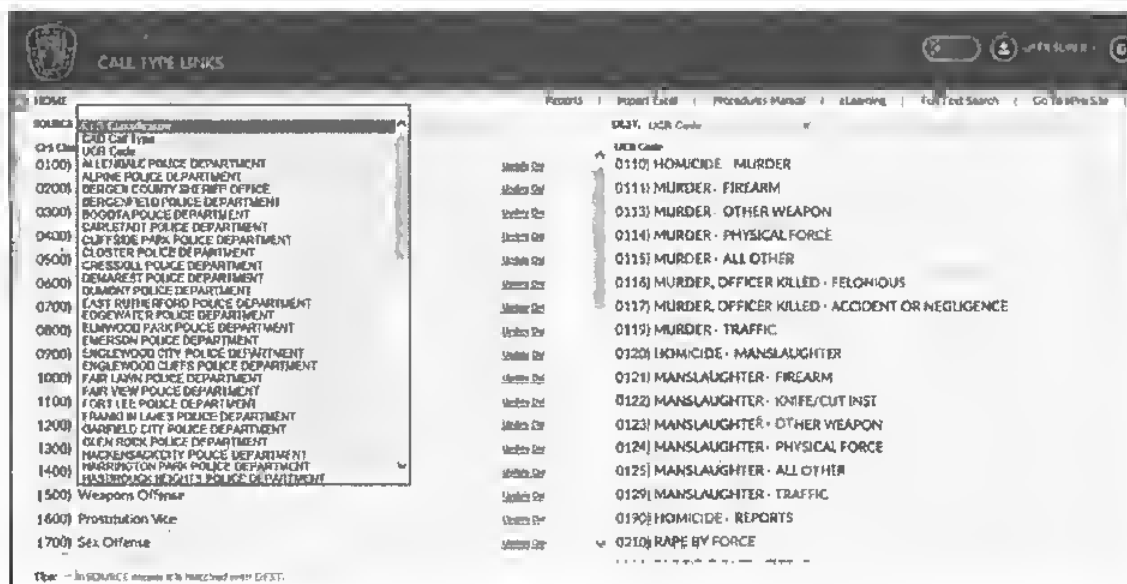
▲ Example of configuring the support files- "CFS Source Type" and editing one of the type- "9-1-1 CALL"

Multi-Agency Coverage

There are a number of positive implications (benefits) from this approach, which Richmond City has no doubt already considered by electing to regionalize on a platform and taking an 'enterprise view' of this project. Without question, cost efficiency will inevitably rise to the top. There are overhead, duplicate support costs, staff time spent in supporting, server inefficiencies, and even potential cross-training (negative issues) that arises when a large enterprise has varied or disparate software systems. But we realize that each police agency has its own identity, data, and operational differences which must be taken into account. InfoShare™ RMS was built on a multi-agency, multi-tenant architecture design from the outset. When an officer logs in from Agency 'A', he/she sees their own logo, report formats, approval staff, municipal data, system defaults and so on. An officer from Agency 'B' sees his/her own system - and yet the platform on a county enterprise scale still affords these two agencies (and all agencies, of course) the benefit of economy of scale.

Some of our key experiences in supporting a multi-tenant RMS have included:

- ✓ **Workflow and Report approvals:** We have found it important and quite beneficial that we offer three different models of Approval by the senior officers in a given agency. Some Agencies have a policy whereby only the specific Supervisor (e.g. Sergeant or Lieutenant) can approve an officer's police report in the RMS. Some, on the other-hand, allow a "pool" of supervising officers to review/approve a given police report. This avoids the "My boss is on vacation" scenario. We also offer a hybrid process that allows for pool-approval on an exception basis. We have found that officers value this design feature highly.
- ✓ **Incident/CFS Coding:** Even though we support separate CFS codes, we have found that using standardized codes, or mapping to grouping codes (CFS classification code) has helped in sharing data across multi-jurisdictions with apples-to-apples results and more consistent UCR (Uniform Crime Reporting) coding.



▲ Screen shot of tool used for mapping disparate call for service types to a standardized format.

- ✓ **Modularity and Features:** The structure of our RMS allows ease and flexibility when adding functions or software capabilities in a multi-tenant environment. For example, perhaps all agencies participating in the RMS need to have modules A, B, and C, whereas possibly a subset of the agencies can add other modules on a need/affordability basis (examples of this would include our Evidence, Personnel/HR, Forfeiture, or Intelligence/Gang modules etc. when not all the agency tenants may need or be interested in all modules). The RMS can be configured with the specific modules each specific agency wants to deploy.
- ✓ **The Need for a Regional Approach with a Local Feel:** It is important to note that while supporting shared services across the city of Richmond, each law enforcement agency supported by the Department of Public Safety can maintain its own "identity" in the RMS. Upon logging on to the InfoShare™ RMS, officers are greeted with their own agency's logos and the RMS is configured to generate their agency's reports and follow their workflow. One of the unique characteristics that sets CSI apart from other vendors is that while you can share services, share a Master Name Index and share critical data seamlessly, you can still maintain your own agency identity. It is Important that data be shared, but it is equally important that an agency does not lose its identity in the process.



▲ When a User logs into the InfoShare™ application, they are greeted with their own logos and the reports are their reports with their logos affixed.

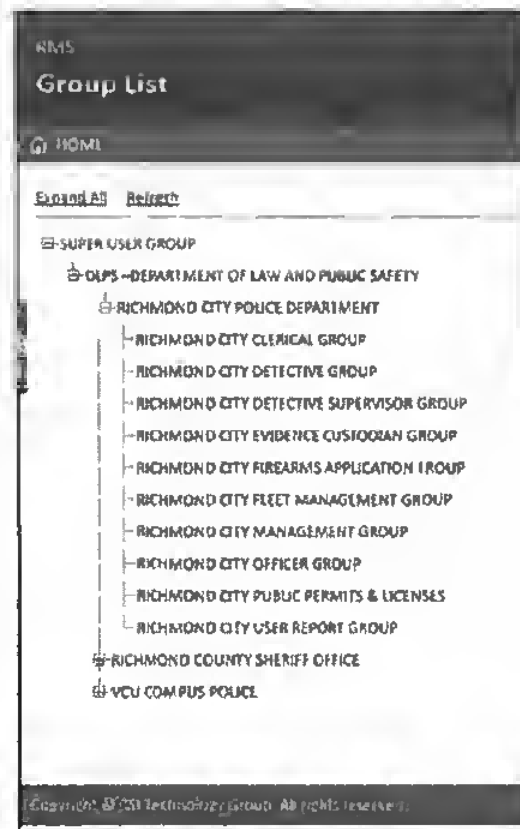
System's User Administration, Security and Auditing Capabilities

Agency Control – We give the agency control over user groups, support files, form template generators, permissions and other settings that can be handled by your system administrator without vendor involvement. We have designed InfoShare™ to be easily adaptable to changes in operating procedures and the business climate.

InfoShare™ provides the user with full and complete control of the application's transactions, data access, and editing. With a granular, role-based permission model that is under total control of the customer, a veritable limitless number of possible permission schemes are available. Most customers decide that setting up 12 - 24 user groups (each with a defined set of permission credentials) is adequate to grant the proper level of authority across their user base; however several of CSI's customers have over 100 user groups.

99007	Button Function	<input checked="" type="checkbox"/>	HR - Travel Authorization Admin Cancel Function
99002	Button Function	<input checked="" type="checkbox"/>	HR PP - P&P ADMINISTRATION GROUP PERMISSION CONTROL
99001	Button Function	<input checked="" type="checkbox"/>	HR PP - P&P MANAGEMENT GROUP PERMISSION CONTROL
259002	Button Function	<input checked="" type="checkbox"/>	IA - IA Admin Function
259003	Button Function	<input checked="" type="checkbox"/>	IA - IA Origin Update Function
259001	Button Function	<input checked="" type="checkbox"/>	IA - IA Prosecutor Office Function
347	Button Function	<input checked="" type="checkbox"/>	RMS - Add/Remove Staff Assignment
39004	Button Function	<input checked="" type="checkbox"/>	RMS - Agency Supervisor User Right
39015	Button Function	<input checked="" type="checkbox"/>	RMS - Case Disposition Right
39016	Button Function	<input checked="" type="checkbox"/>	RMS - Case Expungement Right
39022	Button Function	<input checked="" type="checkbox"/>	RMS - eTicket Warning Function
39002	Button Function	<input checked="" type="checkbox"/>	RMS - MV Lookup Button
39008	Button Function	<input checked="" type="checkbox"/>	RMS - Referred to Detective Bureau User Right
39005	Button Function	<input checked="" type="checkbox"/>	RMS - Reopen Case User Right
39001	Button Function	<input checked="" type="checkbox"/>	RMS - Scan Drivers License Button

▲ Example of canned Transaction Log Reports that can be output in HTML, MS Excel, MS Word, PDF or Crystal Report Formats.



▲ Example of Group Setup for Regional RMS Solution

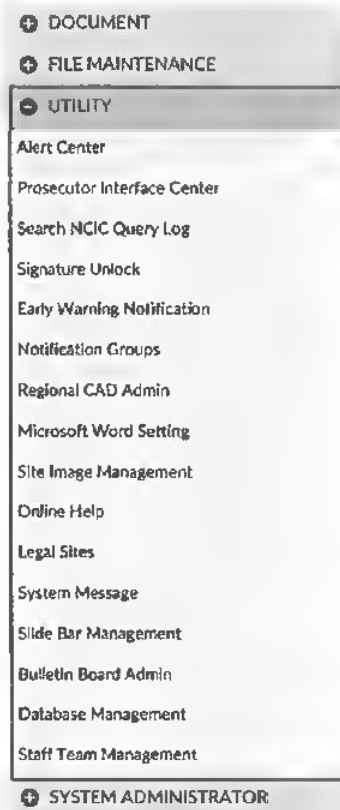
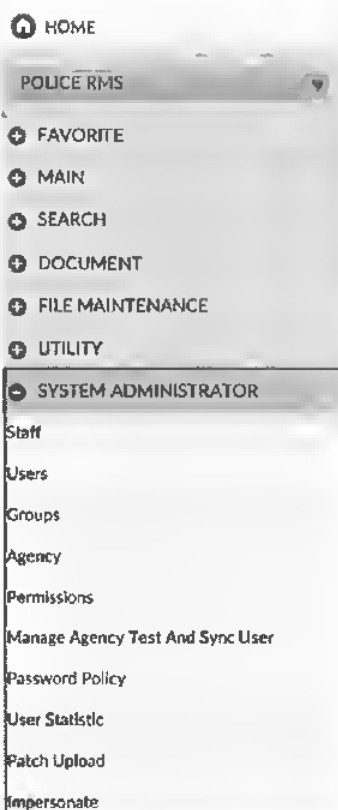
The system's auditing is extensive. Your system administrator can determine which user updated or viewed given records, can determine all the transactions performed by a user in a given session or timeframe, and can even identify the network IP address from which a given query or action originated.

Job No	Name	Description	Category	Report Format
950	<u>TRANSACTION LOG REPORT</u>	TRANSACTION LOG REPORT REPORT BY: USER TRANSACTION FROM DATE AND TO DATE TRANSACTION ACTION TYPE TABLE NAME AND PAGE NAME SEARCH ON NAME	ADMIN	HTML
950	<u>TRANS LOGIN REPORT</u>	LIST LOGIN RECORDS	ADMIN	HTML
950	<u>TRANS SEARCH REPORT</u>	LIST TRANSACTION SEARCH RECORDS	ADMIN	HTML
950	<u>PD TRANSACTION LOG REPORT</u>	TRANSACTION LOG REPORT REPORT BY: USER TRANSACTION FROM DATE AND TO DATE TRANSACTION ACTION TYPE TABLE NAME AND PAGE NAME SEARCH ON NAME	ADMIN	HTML
950	<u>TRANS VIEW REPORT</u>	TRANS VIEW REPORT	ADMIN	HTML

▲ Example of granular permission control


The administration is very straightforward and intuitive, with the average user-training sessions that CSI provides being no longer than 1/2 day to a full day. For user access authentication, InfoShare™ can be set up with Single Sign-On (SSO), as we integrate very well with LDAP/Active Directory, or as a separate sign-on managed within the application, depending on your business needs.

► Administrative functionalities for system administrators. And Utilities for duty owners






▲ Example of the Transaction Log Reports Search function for System Administrators

InfoShare™ RMS's password policy is CJIS compliant and enables the enforcement of FBI VCIN password complexity requirements for system users, allowing the System Administrator to define the number of upper case letters required, the number of lower case letters required in a user password, the number of special characters required, the minimum number of characters required, the maximum number of characters required in a user password, and more.



POLICE DEPARTMENT
UPDATE PASSWORD POLICY


 USER SUPER
 LOGOUT

HOME
Reports | Procedures Manual | eLearning | Full Text Search

Password Expiration Period Day(s) (Req.) 90	Password will be expired notification (Days) (Req.) 3
Minimum length for password (Req.) 8	Password can not be the same as user name (Req.) YES
Password can not contain user name (Req.) YES	Password first character cannot be a number (Req.) YES
Password must include at least one number (Req.) YES	Password must include at least one capital letter (Req.) YES
Password must include at least one special character (Req.) YES	Special character (Req.) !#\$%&'()*+,-./:;<=>?@[\]^_`{ }~
New password must be different from the old password (Req.) YES	
Password should not be the same in the previous N passwords (Req.) 19	Maximum invalid login attempts for account lockout (Req.) 5
Inactive account lockout period day(s) (Req.) 900	Auto unlock after minutes (Req.) 10
Enable block ip (Req.) YES	Enable OTP when update password (Req.) YES
Super user login notification (Req.) YES	
Super user notification email (Req.) sa01@sa.com,admin@sa.com	Super user notification email minutes (Req.) 30
Maximum times user retry the answer (Req.) 5	Maximum times user retry the username (Forgot Password) (Req.) 5
Don't allow lock account list ,sa01,	

Save
Close

Tip: Click Save button to save updated record or click Clear button to clear entered data.

▲ Password policy is configurable by the System Administrator.

Integration

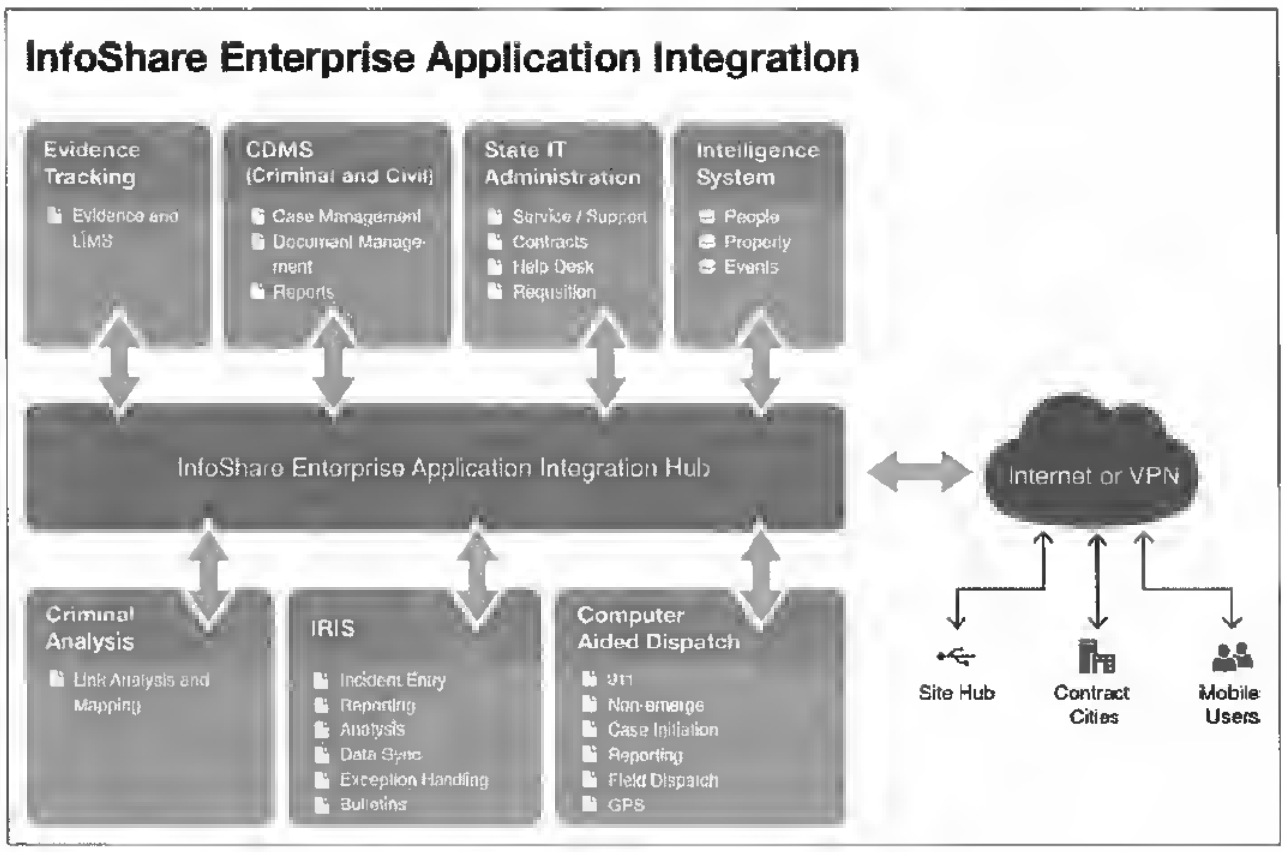
CSI Technology Group is well aware of the importance of standards-based applications to allow for maximum flexibility and accountability. We have had many opportunities to successfully interface our applications with others and promote data sharing across agencies. At some sites, we have installed our CAD system as part of the solution, and in others, we have interfaced with an existing CAD. We have the capability and experience to do either. We have also designed many complimentary modules that integrate seamlessly with our existing CAD and RMS, including Mobile Data Terminal, personnel, fleet management, evidence, e-Ticketing, investigation, intelligence, etc., as well as many tools for operations such as crime mapping and analysis. InfoShare™ is an enterprise class, web-based system solution, accessible via desktop and mobile platforms, and is GJ-XML and NIEM compliant to support all law enforcement activities.

We are very proud to say that our applications can easily extend their capabilities by integrating with various software/hardware products. Following are some of the successful integrations and interfaces we have deployed, providing our clients with a seamless solution.



▲ Interfaces between InfoShare™ RMS and other products

We use this chart to illustrate the data sharing and interface capabilities of InfoShare™, built upon Microsoft integration design. CSI, a certified Microsoft Technology Solution provider, will configure the interface to meet your business requirements. CSI Technology Group employs highly qualified Engineers that specialize in the construction and maintenance of interfaces with third party vendors. CSI Technology Group welcomes the opportunity to work with other companies supporting the mission of Richmond Police Department



▲ Integration ability of InfoShare™ Enterprise Application

All of our software solutions are NIEM and GJ-XML compliant to facilitate data exchange and interfacing in criminal investigations, intelligence gathering, specialized law enforcement activities, prosecution and incarceration. Since our company focuses on law enforcement requirements, CSI has built the following features and standards into InfoShare™:

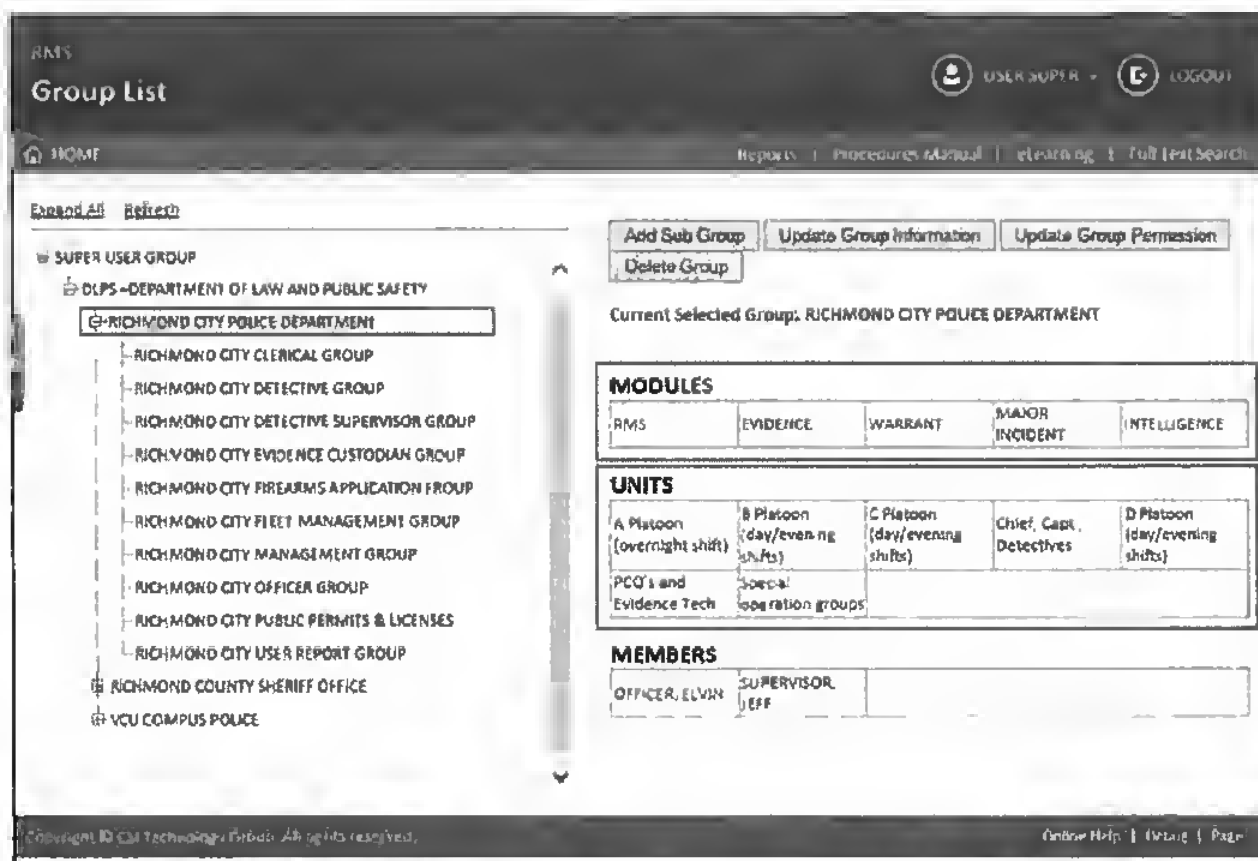
Peer system Interfaces for InfoShare™ are based on two open system standards: XML and OLEDB. This supports a wide variety of databases (including non-relational, object databases and spread sheets) to work with the InfoShare™ database. Since InfoShare™ is based on SQL Server technology, it has the most robust implementation of OLEDB interface, allowing data exchanges between disparate database partners, using a variety of middleware on the market.

Using a Web Service-based message exchange architecture, external systems can easily interface with InfoShare™ through a Web Service Definition Language agreement that spells out the data exchange in clear terms. Self-describing XML documents can then be exchanged through this interface.

Through industry standard GJXML, external systems can exchange data stored in InfoShare™'s database. GJXML, the Global Justice Extended Markup Language, is part of the OASIS standard and has been endorsed by the legal and law enforcement community. Besides developing interfaces using GJXML in several of our installations, CSI has also developed a toolset to implement GJXML compliant message exchange.

Permissions

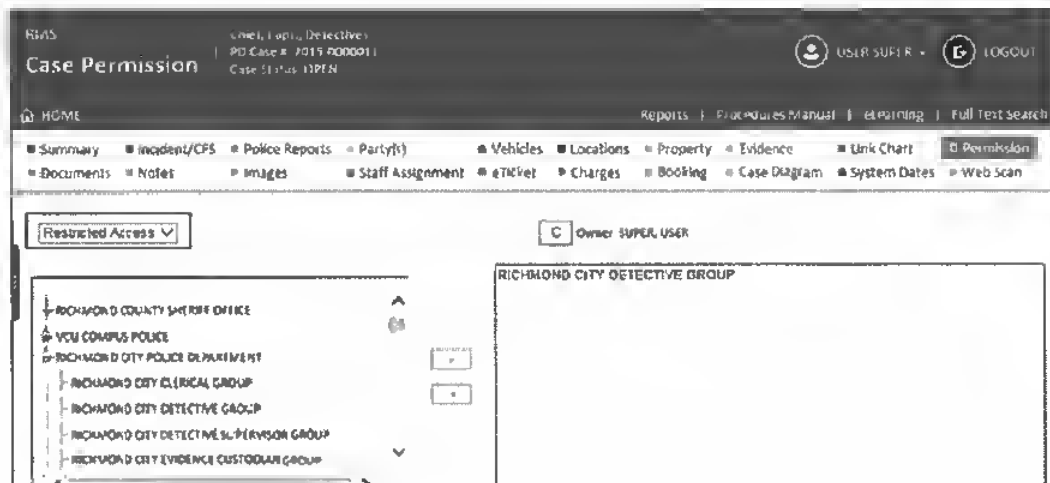
The Security of InfoShare™ RMS is controlled by permission group settings. Agencies are separated by their permission group, and each unit of a certain agency is distinguished by sub-groups within the agency's permission group. Data, functions, and even workflow settings are securely controlled by setting permission requirements among them. As a result, what data the user is able to access to and which functions the user is able to execute is depends on which permission groups he has been assigned to.



▲ An example of permission group setting

- **Agency control**— We give the Agency control over User Groups, Support Files, Form Template Generators, Permissions and other settings; system administration can be configured so that it is controlled at the individual agency level or at the Department (RPD) level
- **Unit control with Sub-group permission setting**
 - Every login user is belongs to a unit, so that we can easily identify the division within the agency of the login user and able to identify where the data is submitted from
 - The unit name and the number of units are configurable by the agency administrators
 - The privilege of viewing the data of a certain unit (division) of an agency is set by assigning the unit to one or more permission groups or sub-groups, so that the data of the unit is accessible by users who are assigned to these permission groups

- **Module control** with Sub-group permission setting, the access right of a assigned to one or more permission group(s), users who are assigned to these permission groups have the access right to the module
- **Data Control** allows certain parts of the data to be kept separate and sovereign (Personnel, Sensitive Reports, etc.), while other elements of the database are able to be shared (Master-Name Index, Street/County info, etc.) And, for the confidential cases or the incident and arrest records involving juveniles and rape victims, the case level permission control allows only certain authorized people, group, agency, or unit to access.



▲ Cases can be locked down to a specific group name or individual members of a group or combination of groups.

Search Functions & Reports

InfoShare™ will include canned reports, according to the agency requirements, which are reports that are run on an ongoing or consistent basis and are generated using variable selection criteria. These are always available and easily selected from a report menu.



These are in addition to the customized ad-hoc searches and reports that can be created and saved for re-use. Any reports generated through InfoShare™ can easily be exported to Excel by the click of a button and the data can then be manipulated and formatted as needed. All InfoShare™ reports can be saved to the user's desktop after creation. The user can decide the output format upon which a report will be displayed by selecting the file format (PDF, HTML, Excel, or Word) from the pull down list.

InfoShare™ has a robust search capability that allows the authorized user to retrieve extensive data, using a wide variety of case or party related search criteria, including attorney. The ability to search by case number, parties to a case, attorneys, filing and event dates or other case and person specific data is part of InfoShare™'s AdHoc reporting and search functionality, which makes it easy to generate searches and reports, and save the criteria and format for repeated use.

InfoShare™ provides a variety of search pages preloaded into the system. Among these are:

- | | |
|-------------------------------------|---|
| ✓ Global Case Search | ✓ Subject Search by Body Marks |
| ✓ Global Contact Search | ✓ Subject Search by Description |
| ✓ Attorney Search | ✓ Subject Search by Vehicles |
| ✓ Defendant Indictment Search | ✓ Subject Search by Warrants |
| ✓ Defendant Charge Search | ✓ Case Documents Search |
| ✓ Defendant Diversion Search | (searches the body of attached documents) |
| ✓ Case Assignment Search | ✓ Case Event Search |
| ✓ Case/Subject Search by Case Notes | ✓ Staff Event Search |
| ✓ Immigration Notification Search | ✓ Fee Search |

These types of searches are in addition to InfoShare™'s Document Free Text Search feature and the AdHoc Searching tool that allows the user to define the data that they want returned to them when a search is performed. CSI will also create any additional custom searches that are required by the RPD, according to the case data.

The user has the option to Interrogate as many or as few data fields as they desire to conduct their searches. This includes the ability for the user to request ranges of information such as dates, ages, heights, weights, etc. or any combination thereof. A user may be looking for a party who is between the ages of 40 – 50, between 5'07" – 5'11" involved in an assault between January 1, 2010 and today. All of this data can be included in the search criteria.

As described above, the system provides the authorized user to create AdHoc reports and queries, as needed. The interface to define and create these queries is easy to use. Any query created can be saved to be re-used and can be saved in Excel or pdf format.

CSI provides customizable displays, based on the agency's requirements. The system is able to maintain a 'local agency feel' for each user, including logos and labels. Customization can also be applied to the agency's support files, and reporting templates. Ad-hoc reporting allows end users to create their own reports and modify existing ones, without an extensive amount of training. Generating reports can be done quickly and easily, allowing end users to modify and search through report data for powerful information analysis. These reports can then be saved as a template and used in the future.

Intake Form Technology – Agency-Defined Items

Our patent applied for Intake Form is one of our robust technology features, which enables our clients define their custom fields by themselves. The powerful feature provides agency-definable Items for each end-user module to enable the creation and use of agency-definable fields for additional data collection, simply using the most common tool, Microsoft Word, to define the fields and even create ad hoc reports which include agency-definable fields. It's very easy to learn and achieve the requirement without extra training for a new tool. All the operations could be done In MS Word, save the docx file and upload to InfoShare™ RMS with few more settings. There you go, the agency defined items are integrated into the RMS for entering data and searching. Furthermore, we also leave the permission open to authorized users to define and change the size, location, or label of the agency-defined fields. Authorized users are definitely empowered to complete the task; meanwhile, CSI is always willing and ready to help support our customers.

▲ InfoShare™ Intake Form Technology leverages the common word processor to simplify the effort of the custom defined fields/reports

Area 2— Master Indices

Using the Master Index, upon case or party entry, the system performs a search to see if the party (individual or organization) is already in the database. There are several purposes for this operation:

- ✓ Eliminate duplicate cases being entered.
- ✓ Create a “master file” on a person or entity so that the staff is immediately aware of any other cases that may already be in the system that are active or historical in nature (based upon security permissions).
- ✓ Provide the user performing the entry with the ability to select the party’s profile to pre-populate the interface with that subject’s data that has been previously entered, such as date of birth, Social Security Number, etc.
- ✓ Perform possible conflict checking.

InfoShare™’s Master Index is maintainable and will be configured to contain the fields required by the RPD. A history of charges and a list of aliases are standard fields in the database. The authorized user can maintain these fields to keep the database as current as available information allows.

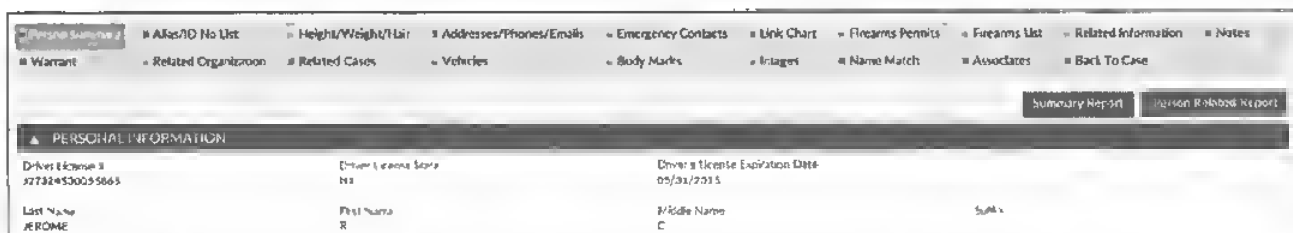
► Master Data Index Maintenance feature for authorized users



InfoShare™ utilizes a Master Name Index, a database of previously entered persons, vehicles, properties and locations, to simplify data entry and reduce redundancy and errors, while facilitating the linking of cases and events. If other InfoShare™ modules are integrated into the RMS, such as the Investigations or Intelligence modules, they will all share this Master Name Index, extending the ability to link subjects, cases and crimes. Our fully integrated Evidence module tracks all types of evidence and chain of custody for the case and related cases. InfoShare™ RMS produces a comprehensive response to each query and retrieval by name, vehicle, location, organization, and/or property and display all related records in the system.

Person

All subject/suspect/defendant information, entered once in the system, is made available the next time that contact name is entered to another case. This is done through InfoShare™’s Master Name Index (MNI). When the user enters the defendant’s Last and First Name (or a partial name), or SSN , the system searches the database and displays a list of records with names in the Master Name database that match the entry.



▲ The person profile is aggregated with all the related information, including personal basic information, images, documents, AKA, related cases, warrants, and more as the menu bar in the screenshot.

Vehicle

The Master Vehicle Index (MVI) is the central data point that links all Vehicle records entered into RMS, and it contains the most recent data and a chronological history for all RMS interactions with a vehicle or other item of conveyance including: Vehicle Identification Number (VIN), Vehicle License (License Number, State of Issuance, Expiration Date), Vehicle Description (Vehicle Type, Make, Model, Style, Color), Person Name (First, Middle, Last, Suffix, Moniker), Person Address (Street Address, Apartment, PO Box, City, State, Postal Code, County, Country) Person Telephone Number. The Master Vehicle Index integrates with the RMS Property and Evidence module, Citation, Crash Reports, Towed Vehicles module, Impounded Vehicles module, and Stolen and Recovered Vehicle information.

Vehicle / Vessel	Plate #	State
VEHICLE	E56CEE	NJ
Expiration Date	VIN #	Year
		2000
Make	Model	Type
ADLER	UNKNOWN	4 DOOR
Color		
BLUE		

◀ The vehicle could easily links to the records of Related Person, History, Images, Related Cases, Link Charts, Merge Vehicle, and the back to the Case.

Organization

InfoShare™ RMS automatically attempts to match any newly entered Organization with a corresponding Master Property record and shall provide the user the option to link the records or create a new Master Organization record. (This feature is applied to all InfoShare™ Master Index)

Organization Name	Address
LEAD IN COMMUNICATIONS	250 SOUTH STREET, NEWARK, NJ
LEAD IN NEWSPAPERS INC	251 RIDGE ROAD, LYONHURST, NJ
LEAD IN COMMUN	1867 HIGHWAY 88, BRICK, NJ 08734

Close

Tips: Click Underline field to view record detail.

▲ Matched organizations are listed when newly entered organization name are similar to the existing ones.

Location

The system subjects all location information being processed in RMS to stringent formatting rules and allows the geo validation process to accept an address. In addition, If the address is within the boundaries of the agency geo file, it will validate the actual location and adding key identification information is supported during the geo validation process. Master Location Index aggregates information throughout RMS based on a specific address, and result in a Master Location Summary report.

Add Case Crime Location

Crime / Arrest Location (Res2)
CRIME

Incident / Offense From Date & Time (Res1) Incident / Offense To Date & Time

Address (Res1)
 Mac Ln 330, NJ
 1-330 MAC LN, KEASBEY, NJ 08832 (AAAA)
 1-120 10TH ST, CRESSKILL, NJ 07626
 1-123 10TH ST, CRESSKILL, NJ 07626
 1-124 10TH ST, CRESSKILL, NJ 07626
 1-126 10TH ST, CRESSKILL, NJ 07626
 1-140 10TH ST, CRESSKILL, NJ 07626
 1-145 10TH ST, CRESSKILL, NJ 07626
 1-150 10TH ST, CRESSKILL, NJ 07626
 1-154 10TH ST, CRESSKILL, NJ 07626
 1-162 10TH ST, CRESSKILL, NJ 07626
 1-330 Mac Ln, Keasbey, NJ 08832
 1-170 Mac Ln, Edison, NJ 08837 (B2)

Bldg / Apt / Suite
 State
 NJ
 Zip
 Municipality
 BERGEN CNTY SHERIFF
 Agency / Prec
 Close

Can't clear entered data

integrated with, Bing, Google Maps, InfoShare™ MLI libraries, auto address suggestion and visual map locating increase the correctness of an address. Type the address right in the first place. More, an background address validation mechanism runs and indicates potential invalid locations pending for review or auto correction

Property

Multiple digital images, documents, or other objects associate with each Master Property record. The actual number of images, documents, or other objects is only limited only by the hardware, operating system, and/or database platform sizing restrictions.

Summary Incident/Arrests Case Members Public Property Parties Vehicles Locations **Property** Evidence Link Chart Permissions Video Interface

Documents Images Low Assignment Staff Assignments Tickets Charges Booking Cost Budget System Data Wire Scan

2 Records 1 / 1 Dismissed Page Size 25

Record Date	Property Category	Sub Category	Property Status	Property Info	Image Info	Notes	Status
04/05/2018 06:27	BOOK	LOST	Controlled Buy	Quantity: 3 (1 Value \$400, 1 Value \$100)	Image Info	Notes	STATUS
04/05/2018 09:26	CLOTHING	SEIZED	Controlled Buy	Quantity: 2 (1 Value \$100, 1 Value \$100)	Image Info	Notes	STATUS
04/05/2018 09:26	JEWELRY	CONTROLLED BUY	Controlled Buy	Quantity: 3 (1 Value \$200, 1 Value \$100, 1 Value \$100)	Image Info	Notes	STATUS

◀ The properties are recorded with image on the incident case it related to, and listed in the property tab of the incident case.

► When a property is recorded and/or with image on the case it related to, the property record and its image is actually stored the property index. So that it could be found from property index by search functions.

PROPERTY INDEX SEARCH LIST

SEARCH CRITERIA: Agency: BERGEN COUNTY SHERIFF'S OFFICE

234 Records 1 / 1 Dismissed Page Size 25

Record Date	Property Category	Sub Category	Property Status	Property Info	Image Info	Notes	Status
04/05/2018 06:27	BOOK	LOST	Controlled Buy	Quantity: 3 (1 Value \$400, 1 Value \$100)	Image Info	Notes	STATUS
04/05/2018 09:26	CLOTHING	SEIZED	Controlled Buy	Quantity: 2 (1 Value \$100, 1 Value \$100)	Image Info	Notes	STATUS
04/05/2018 09:26	JEWELRY	CONTROLLED BUY	Controlled Buy	Quantity: 3 (1 Value \$200, 1 Value \$100, 1 Value \$100)	Image Info	Notes	STATUS

Area 3— Case Organization

The design of infoShare™ RMS enables each agency/jurisdiction to organize and access all data associated with a case. For example, you can assemble all official information associated with an incident and consolidate all related follow-up and investigation reports and records. For those incidents documenting a “reportable” criminal offense, you can validate presence and conformance of data required for mandatory statistical reports.

PD CASE SUMMARY

PD Case # 2018-00051
Case Status: OPEN
County: GIL

CASE INFORMATION

PD Case #	Report Date / Time	Reported Incident	Created By
2018-00051	05/21/2018 10:31	ALERT2	SUPER USER
CAD Incident CFS Type	Agency Incident / Action CFS Type	Incident From Data / Time	Incident To Date / Time
	3341878	05/21/2018 10:31	
UCR Code by CFS Type	UCR Code	UCR Reported Date	UCR Reported By
1711 / SEX OFFENSE			
EFS Classification	Tracking Code	Address	
See Offense		123 10TH ST CRESSKILL NJ 07426	

SUBJECTS / DEFENDANTS

Report Date	Subject Name	Alias Name	Contact Role Type	Additional Contact Type	Basic Person Info	Ident Mark	Posted By
05/21/2018 13:28	STALEONE, SYLVESTER	See Name tab	DEFENDANT		SSN: 222-33 4444 DOB: 01/01/2000	See Name tab	SUPER USER

PD CASE DISPOSITION INFORMATION

Case Disposition	Entered Date	Entered By	Disposition To Do

INTERFACE NOTE

See Name tab

Buttons: **Save** **Delete**

Tip: Click Role's button to assign report

▲ The PD Case Summary Page of InfoShare™ RMS.

The authorized users could easily access and/or interact with a single case and all information for the case, including the Initial Incident Record, and—

- ✓ Supplemental Incident Record(s)
- ✓ Associated Offense Record(s)
- ✓ Associated Location Record(s)
- ✓ Associated Person Record(s)
- ✓ Adult Arrest Record(s)
- ✓ Juvenile Detention Record(s)
- ✓ Associated Organization Record(s)
- ✓ Associated Vehicle Record(s)
- ✓ Associated Property Record(s)
- ✓ Associated Evidence Record(s)
- ✓ Associated Drug Record(s)
- ✓ Associated Interview Record(s)

Summary | Incident/CFS | Case Numbers | Police Reports | Party(s) | Vehicles | Locations | Property | Evidence | Link Chart | Permission | Video Interface

Document | Notes | Images | Inv Assignment | Staff Assignment | eTicket | Charges | Booking | Case Diagram | System Dates | Web Scan

InfoShare™ provides easy navigation through a case with its Menu Tab. A glance at the Menu tab shows the case functions that the user has access to, and a click on any of the links will take the user straight to that part of the case. To save time, a red dot next to the function indicates there is data stored under that tab (for example, if there is

evidence data stored on the case, there will be a red dot next to Evidence, a red dot next to Events Indicates events have been scheduled for the case, etc.). Users have the ability to configure the Menu tab according to their preferences, and the permission to access areas of a case is controlled by permissions set by the agency. If a user's permissions prohibit access to certain areas of case data, those functions/areas will not appear on their Menu Tab.

It is able to associate each Incident record with multiple narratives and multiple digital images, documents, or other objects with each Incident record.



▲ The Note tab associates the single incident record with multiple narratives.



▲ The Images tab associates the single incident record with multiple images.



▲ The Documents tab associates the single incident record with multiple documents.

Area 4— Case Management

Cases can be managed from inception to closure within the Records Management System. The Inbox design allows for calls to be routed from Dispatch to the Officers assigned to a call for service. The Primary Officer assigned as well as any secondary officers can complete all of their assignments in that case. Additionally, other staff can be assigned to the same case such as Crime Scene Investigators, Detectives or an Evidence Custodian. These staff members can be added by the Primary Officer or other Staff as deemed appropriate by the RPD.

INCIDENT SUMMARY

Incident #198
16-062479
Case Status: OPEN

INCIDENT INFORMATION

Incident #198 16-062479	Report Date / Time 05/13/2016 15:14	Reported Method VIA CAD	Entered By COSMA, ANTHONY
CAD Incident CFS Type 911 HANG UP / TRANSFER / CHK WELFARE	Agency Incident / Agency CFS Type 911 HANG UP / CHK WELFARE	Incident Report Date / Time 05/13/2016 15:14	Created On Date / Time
Crime / Arrest Location INCIDENT(CAD)	Area / Post BOPSO	Continued From / To	
Address 101 U.S. HWY NO 46	Build / Apt / Suite	Continued From / To	
State NJ	Zip	County Bergen	Arrested On / By
Dispatch Date / Time 05/13/2016 04:12	CAD Description CLOSED - NO REPORT		

DISPATCH NOTES

Date & Time	Description	Posted By
05/13/2016 15:14	CFS 16-062479 was sent to the following: LHOFSOMMER	HOFSSOMMER, LAURA
05/13/2016 15:14	LHOFSOMMER created CFS 16-062479	HOFSSOMMER, LAURA
05/13/2016 15:14	CFS 16-062479 was created based on an incoming call. Below are the details of the call: 201-257-7556 T. JACOBILE USA UNIC 0009545 09062016-03-13T15:13:33.0000000-04:00:01 U.S. HWY NO 46 LOR BORO NJ 040880221, 074.077377	HOFSSOMMER, LAURA
05/13/2016 15:14	Address is changed to: 101 U.S. HWY NO 46, LOR BORO, NJ	HOFSSOMMER, LAURA
05/13/2016 15:14	Jurisdiction is updated to Bergen County Public Safety Operations Center	HOFSSOMMER, LAURA
05/13/2016 15:14	CFS code is changed to: 911 HANG UP / TRANSFER / CHK WELFARE	HOFSSOMMER, LAURA
05/13/2016 15:14	Description is changed to: ABANDONED 911 PHONE GOES TO VOICEMAIL ON CALL BACK	HOFSSOMMER, LAURA
05/18/2016 04:06	Fire Zone is changed to '3123'	COSMA, ANTHONY
05/18/2016 04:06	Police Zone is changed to 'PDS1'	COSMA, ANTHONY
05/18/2016 04:11	Fire Zone is changed to '4214'	COSMA, ANTHONY
05/18/2016 04:11	Police Zone is changed to 'PDS4'	COSMA, ANTHONY
05/18/2016 04:20	Fire Zone is changed to '3231'	COSMA, ANTHONY
05/18/2016 04:20	Police Zone is changed to 'PDS1'	COSMA, ANTHONY

▲ Seamless pass from CAD to RMS

MY INBOX SUMMARY

RMS - Officer

- My Active Incidents (Primary Officer) **1**
- My Active Incidents/Cases **1**
- My Reports Pending Review **4**
 - All Agency Cases (72 hours)
 - All Division Cases (12 hours)
- Vehicles Held in Impound **12**
- All Agency Ticket (30 days) **1**
- All Agency Cases (96 hours) - CAD **1**
 - All Agency Approved Jail Commitments (30 days)
- My Active Incidents (Secondary Officer) **4**
 - My Returned Reports **1**
 - My Closed Cases (7 Days)
 - All Agency Cases (24 hours)
 - My Juvenile Reports
 - My Issued Ticket (30 days) **1**
 - Juvenile Involved Cases (10 Days)
 - CAD Cases (96 hours) **4**
- My Active Incidents/Cases **5**
 - My Incomplete Reports **2**
 - All Agency Cases (96 hours) **1**
 - All Agency Cases (12 hours)
 - Recently Approved Reports (10 Days) **2**
 - My Issued Ticket (Today)
 - My New Documents Pending Review
 - My Pending Reports / Edit **6**

▲ Police Officer Inbox

Police Officers manage their caseloads from their Inbox that is associated to their User login. Using the inbox example above as a guide –

- **My Active Incidents/Cases** - All of their Active Incidents/Cases are listed in this Inbox and there is a counter to let them know how many are still open. These jobs remain there until closed or transferred to the Detective Bureau (RPD will establish the business rules as to who exactly can refer to Detectives)
- **My Returned Reports** – All reports (Investigation, Arrest, Property, etc.) are prepared in the InfoShare™ application. When the report is returned to the Author for correction, the report will post to this inbox for that purpose. There is a counter here so that the officer knows when something has been returned.
- **My Incomplete Reports** – Officers often get assigned another job while in the process of completing reports. So that these other reports do not “get lost” in the shuffle, this Inbox lets the officer know what reports they have started to write but have not completed. There is a counter for this box so that the officer can keep track of this number.
- **My Reports Pending Review** – Once an officer sends the report off for review, if they need to locate the report in the chain of command prior to approval, they can locate where the report is in that process here. There is a counter here to let the officer know how many of their reports are still pending approval.
- **My Closed Cases (7 days)** – This is a convenience Inbox and it simply allows officers to locate any cases they handled in the past 7 days (a rolling 168 hour period) without having to execute a search.
- **All Agency Cases (96 hours or 72 hours)** – This is meant as a roll call briefing Inbox for officers. All of the CFS for an agency for a designated time period will post in this inbox. The time lapse can be predetermined by the agency. In the case of the 72 hour box, that is for departments that work a 12 hour shift configuration and 72 hours covers the three (3) day long time off swing. The 96 hour Inbox is for departments working the 10 hour schedule and covers the four (4) day long time period. This box(s) can be set for any time frame required by the RPD and different divisions within the department can have a different time established if so desired. For example, patrol works 12 hour shifts; they could be set for the 72 hour Inbox. The detectives work an 8 hour shift; we can set them for a 24 hour box, for example, so that they are just looking at the last 24 hours.

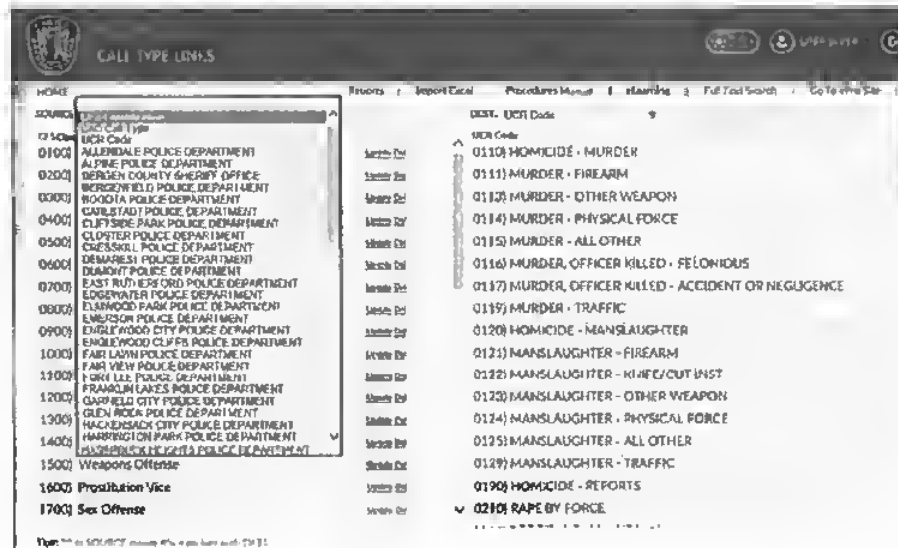
Each level of the agency will have its own set of inboxes to manage their respective case load and workflow.

There are a number of canned searches within the application so that Administrators can determine such things as the case load of the Detective Bureau or how many different cases the Detective Bureau is managing. Again, during the gap analysis phase, the various management tools will be reviewed by the subject matter experts of the RPD and CSI will configure the system to meet any missing needs.

Area 5— State Reporting

All InfoShare™ applications are built upon, and designed to follow, applicable federal laws, standards and accepted best practices, including GJXML, NIEM, NFIRS, NBIRS, UCR and 28 CFR Part 23 (*where applicable*). InfoShare™ RMS includes extensive reporting features and canned reports to meet the administrative needs of the agencies of the Richmond Police Department. A Supervisor or other approved user can execute a search based on select parameters to provide statistical reports, productivity reports, and UCR/NIBRS Reporting.

Incident/CFS Coding— Even though we support separate CFS codes, we have found that using standardized codes, or mapping to grouping codes (CFS classification code) has helped in sharing data across multi-jurisdictions with and apples-to-apples results and more consistent UCR (Uniform Crime Reporting) coding.



▲ Screen shot of tool used for mapping disparate call for service types to a standardized format.

The InfoShare™ RMS captures and validates offense and arrest data required to produce state- and/or federal-mandated crime report statistics, and is designed to enforce NIBRS and UCR data collection mandates. The case and Incident validation is restricted to authorized users. More, the validation rules engine provides notification of missing data elements required by state and/or federal guidelines or incorrect based on the criminal activity entered for the case, providing validation from the case level and the incident level. The required UCR report as requested in Exhibit1 will all be offered to RPD.

Order	Name	Description	Category	Report Format
814	<u>UCR - Arrest Monthly Report (Over 18)</u>	UCR - ARREST MONTHLY REPORT (OVER 18)	RMS	PDF
815	<u>UCR - Arrest Monthly Report (Under 18)</u>	UCR - ARREST MONTHLY REPORT (UNDER 18)	RMS	PDF
891	<u>UCR - Monthly Police Officers Killed or Assaulted</u>	UCR - MONTHLY POLICE OFFICERS KILLED OR ASSAULTED	RMS	PDF
891	<u>UCR - Officers Killed and Assaulted</u>	UCR - NJSP LEOKA	RMS	PDF
800	<u>UCR - Part A Monthly Incidents Known to Police</u>	UCR - PART A MONTHLY INCIDENTS KNOWN TO POLICE	RMS	PDF
851	<u>UCR - Supplemental Homicide Report Manslaughter</u>	UCR - SUPPLEMENTAL HOMICIDE REPORT MANSLAUGHTER	RMS	PDF
890	<u>UCR - Supplemental Homicide Report Murder</u>	UCR - SUPPLEMENTAL HOMICIDE REPORT MURDER	RMS	PDF
810	<u>UCR - Supplemental Part A Monthly Report</u>	UCR - SUPPLEMENTAL PART A MONTHLY REPORT	RMS	PDF
850	<u>UCR - SUPPLEMENTARY ARSON REPORT</u>	UCR - SUPPLEMENTARY ARSON REPORT	RMS	PDF

▲ The Example of canned UCR reports offered by InfoShare™ RMS.

Area 6— Arrest Management

The InfoShare™ RMS allows for complete arrest and booking process management. The application works off of a Master Name Index and all arrests are tacked via that Master Name Record. Everything associated to a person in the system is linked to that file including any and all pictures, mug shots, etc. The RMS contains an Arrest report, which is created much like the other reports in the system (Accident Report, Incident Report, etc). It is divided into sections. Data that has already been entered for the case (suspects, contacts, etc) is already listed and all the officer has to do is check them off to include them in the report. Names are verified against the Master Name index.


▲ Few clicks to select data from the case and filled in the report, and the user only need to enter the new information.

◀ The arrest report is generated in PDF by a simple click on button 'Send to Approval' after editing.

► Configurable workflow allows the officer choose the approval route, which is pre-defined by the requirement of RPD

Area 7— Property and Evidence Module

Evidence Management – Officers can enter their evidence / property into the RMS during their normal course of duty. The data automatically will transfer from the RMS to the Evidence Management module. The Evidence Custodian then can barcode the evidence, document who delivered it or if it was recovered from a temporary storage locker, where it is being stored, etc. Electronic chain of custody is developed and maintained within the application. Evidence is transferred to the lab, the Prosecutor's Office, destruction, etc. by using the barcode scanner and the InfoShare™ barcodes.



The screenshot displays the 'PROPERTY / EVIDENCE ITEM LIST' and 'PROPERTY / EVIDENCE REPORT LIST' sections of the InfoShare application.

PROPERTY / EVIDENCE ITEM LIST

Item #	Item Description	Remove
2018-000051-1-1	CATEGORY:FOUNDS Brief Description: Founds	Remove
2018-000051-2-1	CATEGORY:CLOTHING Sub Category: Jacket Quantity: 2 Brief Description: Clothing, Jacket, 2	Remove
2018-000051-2-2	CATEGORY:JEWELRY Quantity: 3 Brief Description: Jewelry, 3, No, 1200, Room 1 Evidence Marking: 15 Lab #: 1253 Recovered By: AJ Where Recovered: Room Recovered Date & Time: 06/10/2018 00:00	Remove
2018-000051-2-3	CATEGORY:VEHICLE/COMPONENT PARTS Sub Category: Truck Quantity: 1 Brief Description: Vehicle/Component Parts, Truck, 2, 2000, Cream, Sunalt, 4 Door, V1563271566, 4657pd, 46536, 06/13/2000, 4686d Year: 2000 Color: Cream Make: Sunalt Body: 4 Door Vin #: V1563271566 Registration #: 4657pd Mileage #: 44536 Manufacture Date: 06/13/2000 Plate #: 4686d	Remove
2018-000051-2-4	CATEGORY:WEAPON/TREASURES Sub Category: Long Gun/Rifle Quantity: 1 Brief Description: 1, Weapon/Treasures, Long Gun/Rifle, A-Bolt, 357D&A, 343 Winchester, 342, Fs Evidence Marking: Cec Lab #: 3432 Recovered By: F17 Where Recovered: Ass Recovered Date & Time: 06/10/2018 00:00	Remove

PROPERTY / EVIDENCE REPORT LIST

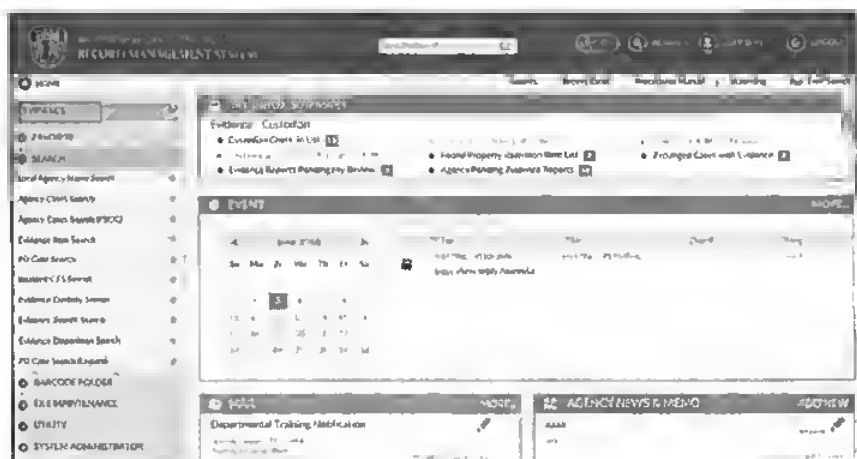
Control #	Case Number	Bin #	Submitting Officer	Items	Posted By	Posted Date	Report Approve Status	EdR	Remove	Reopen
2018-000051-2	2018-000051		SUPER USER	4	SUPER USER	06/01/2018	PENDING	View Report	Remove	
2018-000051-1	2018-000051		SUPER USER	1	SUPER USER	05/22/2018	PENDING	View Report	Remove	

▲ Evidences and properties of a case/incident are well organized and associated with the case.

InfoShare™'s Evidence module is a powerful evidence management system, a complete solution designed to automate the control of evidence tracking, saving department resources and improving efficiency. With the evidence module, the officer or investigator checks in each piece of evidence and the system tracks the chain of custody, barcodes and labels it, and records lab results. Once checked-in, the item is available for check-out or disposal, according to the agency's procedures. Evidence logs provide a list of evidence related to the case to easily process evidence and generate chain of custody reports in real time. Items can be searched and the user will know exactly where the item is in the investigation or prosecution process. Once an item is checked in, the record becomes unavailable for

modification. Authorized users can add new evidence to a case and it will be filed in a new log associated to the original Property number. All movement of property items, from receipt in the Evidence Room right through to post-case destruction, permanent storage, or return to owner, is recorded.

► InfoShare™ evidence module enables the comprehensive evidence management



The screenshot displays the 'EVIDENCE' section of the InfoShare application, showing a detailed view of a case and its evidence items.

EVIDENCE

Case: 2018-000051-2

Evidence: 2018-000051-2-1

Sub Category: Jacket Quantity: 2 Brief Description: Clothing, Jacket, 2

Area 8—DMV/Accident Reporting

CSI provides an e-ticketing module that seamlessly integrates with the InfoShare™ Police Records Management System, including Master Data Indices. With a swipe of the Driver's License through the bar code reader, the driver information is processed by the e-Ticketing system, guiding the officer through a simple question and answer interface, and resulting in the quick generation of the citation. All information about the citation is also sent directly to the RMS system, and is waiting for the officer to complete the report upon returning to headquarters. The officer will find all of the driver information is already contained in the RMS and all the officer needs to do is dispose of the case with a few clicks of the mouse.

CSI's InfoShare™ RMS also provides the means to electronically upload all relevant reports directly to their respective Prosecutor or DA's office with the push of a button. Once the police reports have gone through their approval process, they are uploaded to the Prosecutor's Office Screening/Intake Unit by clicking the "Send to Prosecutor" button, located in the RMS module. The submission process is easily configured to meet the SOP's and intake requirements of each Prosecutor/ District Attorney's Office. For indictable cases, discovery documents stored in the InfoShare™ RMS are available to be electronically forwarded to the representing attorney(s) for the defendant(s), or burned to a disk directly from the RMS system.

► **A Sample Ticket which is printed by a portable printer wirelessly**

[illegible]

The DMV/Accident cases are well associated with records related, (e.g., Location, Vehicles Involved, Persons Involved, Scene Diagram, Officer Notes, and Witnesses,) and share the master indices (person, organization, vehicle, property, location) like all the other cases in InfoShare[™] RMS.

CSI's InfoShare™ RMS module also provides the means to electronically upload all relevant reports directly to their respective Prosecutor or DA's office with the push of a button. Once the police reports have gone through their approval process, they are uploaded to the Prosecutor's Office Screening/Intake Unit by clicking the "Send to Prosecutor" button, located in the RMS module. The submission process is easily configured to meet the SOP's and intake requirements of each Prosecutor/ District Attorney's Office. For indictable cases, discovery documents stored in the InfoShare™ RMS are available to be electronically forwarded to the representing attorney(s) for the defendant(s), or burned to a disk directly from the RMS system.

Area 9— Citation

Citation and Warning information is stored and tracked in infoShare™ RMS. Police office can easily document information about the Location, Violator, Violation(s) and Charge(s), as well as basic court information. No data entry is necessary as Citation data is transferred directly from eTicketing.

The citation information is also linked to the Arrest & Booking management as some jurisdictions use citations as a charging document for various criminal offenses. Information relating to Persons, Vehicles, Locations and Offenses (or Violations) and court dispositions are all captured through a small easy to use and understand form. The form makes extensive use of user defined code tables and edits. From the Citation feature you can easily create related Accidents, Incidents or other Citations.

For Parking Tickets and Moving Violations, InfoShare™ provides full citation management, including issue the tickets, generate the ticket costs, document the tickets as being paid, issue warrants when a ticket isn't paid, etc.

The screenshot shows the 'Citation' form in the InfoShare RMS application. The form is organized into three main sections: 'CHARGE INFORMATION', 'OFFENSE PLACE INFORMATION', and 'VEHICLE INFORMATION'. The 'CHARGE INFORMATION' section includes fields for 'Citation #', 'Citation Type (Info.)' (set to 'MOVING'), 'Charge Code (Info.)' (set to '351'), 'Charge Description', 'Court', 'Court Type', 'Disposition', 'Disposition Date', and 'Fees'. The 'OFFENSE PLACE INFORMATION' section includes 'Location Type', 'Address (Info.)' (set to '1000 Main St'), 'City' (set to 'NJ'), 'County' (set to 'BERGEN'), 'Municipality' (set to 'BERGEN CNTY SHERIFF'), 'Area / Post', and 'Surface'. The 'VEHICLE INFORMATION' section includes 'Commercial Veh.?', 'Hazard Material?', 'Driver's License #', 'Driver's Name', 'Property Damaged?', 'License', and 'Surface'. A 'Save' button is located at the bottom of the form.

▲ An example of the Citation Form. Data related to the citation is collected in compliance with State of Virginia regulations.

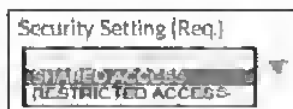
Area 10— Narrative Function

InfoShare™ RMS provides full-text search with the capabilities for searching text within narrative sections of any report using—

- ✓ tools that are provided and accessed from within the RMS.
- ✓ an embedded report-writing tool with ad hoc search capabilities.
- ✓ a provided commercial report writing application such as SQL Reporting Services.

▼► The powerful Full Text Search function with search criterion retrieves contents in the narrative section of any report.

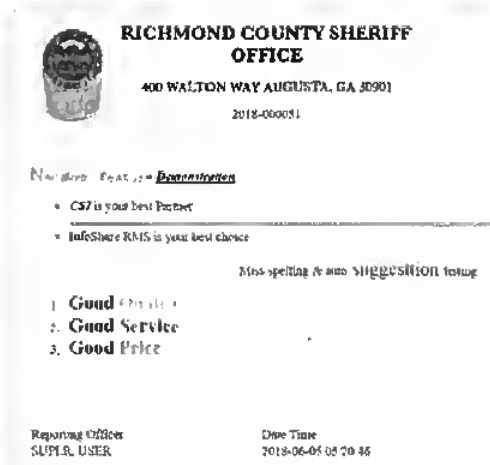
► security setting is applied to individual narrative, which means each narrative has its own access control



▼ An example of multiple narratives associated to a single case



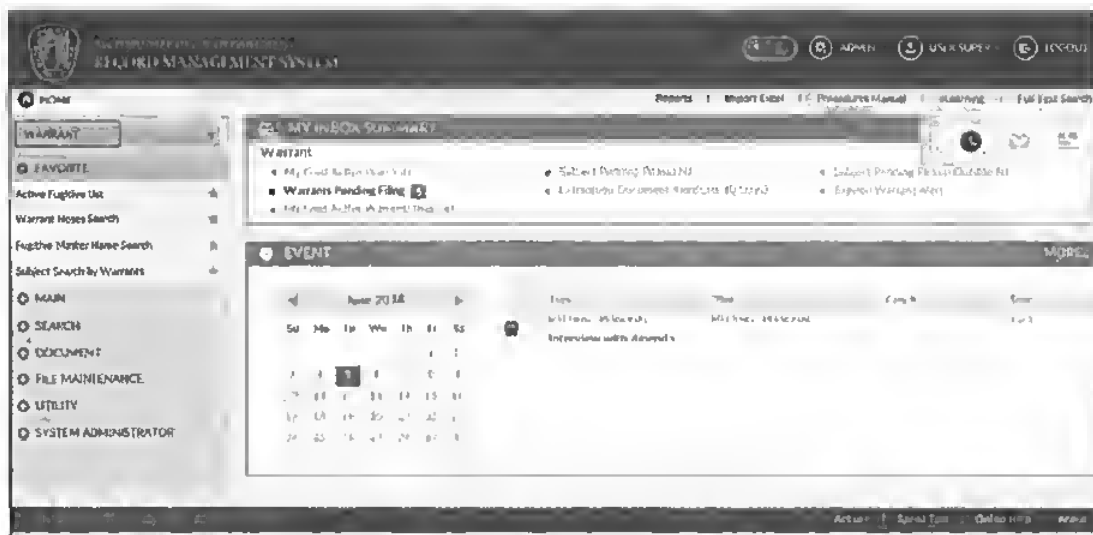
▲ InfoShareTM equips a rich-text editor with spelling check and correction suggestion for narratives editing



▲ The narrative could be generated in formatted paper immediately by a single click

Area 11— Court Order (Warrant) Management

Information on warrants issued are stored in InfoShare™ and they can be searched by various criteria, such as name, issued date range, issuing ORI, charge, etc. If a warrant has been satisfied or expired, that is recorded, as well.



▲ Warrant module is provided with related functions and searches for the warrant management



▲ Warrant status will be highlighted for an arrest with warrant when there is one or more warrant record(s) in the system



▲ Warrant records is linked with RMS records when its related and can be traced back and forth effortlessly.

Area 12— Equipment Maintenance Module

Inventory Management

Equipment and inventory can be administratively managed in the InfoShare™ Personnel Module, providing for inventory intake and the recordation of equipment assigned. A convenient equipment and inventory tool allows you to set alerts for equipment such as police vests and ammunition, which have expiration dates assigned to them, and will prompt the Quarter Master to place a new order. The CSI Personnel Management Module does have accommodations to track all agency issued equipment as well as agency owned equipment that is not issued to a specific person.

► An example of inventory record with multiple activity logs, images, documents and notes associated.

The screenshot shows the 'Inventory Information' form. It includes fields for Item Description (MONITOR), Item Status (OUT OF SERVICE), Equipment Location (MAIN COMPARTMENT), and Sub Location. Other fields include Manufacturer (PANASONIC), Manufacturer Date (06/01/2016), Date of Purchase (02/09/2017), Service End Date (06/06/2018 01:21), Service Type (STATIC MAINTENANCE 5 MONTHLY), Service Vendor/Dept (CSI TECHNOLOGY GROUP), Fire Station, Issued To (BEKIER, SONYA), Unit Assigned / Location, and a Notes section. At the bottom are 'Update' and 'Delete' buttons.

Fleet Management

Furthermore, CSI Technology does offer a Fleet Management Module wherein users can track document and report any problems with their units. Maintenance can be tracked, gas usage, expenses associated with the vehicles, invoices attached, photos of the unit can be attached, and all equipment assigned to the unit can be documented. Automatic Maintenance reminders can also be developed to ensure that units are serviced on a regular basis. This feature helps ensure that *costs are cut by maintaining* the fleet as opposed to *fixing* the fleet.

The screenshot displays the Fleet Management module interface. On the left is a sidebar with navigation options: FAVORITE, MAIN, Fleet Vehicle Intake, Fleet Vehicle Search, Fleet Vehicle Check, Fleet Vehicle Equipment Search, Fleet Vehicle Services Search, FILE MAINTENANCE, UTILITY, and SYSTEM ADMINISTRATOR. The main area is titled 'MY INBOX SUMMARY' and includes a 'Fleet Manager' section with various status counts: Fleet Service Request (11), Gas Usage (25 hours), Vehicle Inspection Due (13), Fleet Service Due, Active Fleet Vehicle (3), Expired Vehicle Equipment (1), Vehicle Check Sheet (22 hours), Vehicle Registration Due (3), and Vehicle Services List (10 days). Below this is an 'EVENT' section featuring a calendar for June 2018.

▲ Functions provided for fleet management, including fleet service management and reports.

Area 13— Expunging Records

The Expungement functions are available to those users who are authorized to expunge case or defendant information. CSI will configure InfoShare™ to comply with court-ordered expunction mandates.

InfoShare™ allows the agency to establish the **Expungement (or Sealing) Group** as one of the permission groups when establishing security protocols. The user(s) in this group will have the capability of sealing (or expunging) defendants and cases from the system.

When a case is sealed, the case and all information in it will no longer be available for access from any Inbox, case search engine, or case list in the system. Similarly, when a subject is sealed, a system user may still access the case, however, the user will not be able to find that subject's name via any inbox, search engine, or in any record in the case from which they have been sealed.

The case summary page will show a Seal Alert that notifies the user that a subject was sealed from the case, and to see the person in charge of sealing for further information.

Area 14— Field Interview (FI)

In the Incident Case File, an officer can record suspects, victims, witnesses, and other contacts, as well as basic background information about the case such as type, date, location, vehicle, etc. The system has a Subject and Contact page that lists all persons involved and provides hyperlinks to each person's fact sheet. The Locations page provides an intake and summary for locations or establishments involved and there are Note, Log Book, and Dissemination pages for the posting of possible leads, to track progress and alterations, and to see who requested and received information from the incident file. The Documents page provides a hyperlinked list of all reports, images, and any other files that are associated to the incident record.

The screenshot displays a web-based interface for an Incident Case File. At the top, there is a navigation bar with various tabs: Summary, Case Numbers, Police Reports, Party(s), Vehicle, Locations, Property, Evidence, Link Chart, Miscellaneous, Video Interface, Document, Notes, Images, Inv Assignment, Staff Assignment, eTicket, Charges, Booking, Case Diagram, System Dates, and Web Scan. Below the navigation bar, there are two buttons: 'Begin Summary' and 'Dispatch Record REDACTED'. The main section is titled 'INCIDENT INFORMATION' and contains a table with the following data:

INCIDENT INFORMATION		Location	Disposition
Incident # (INV)	Report Date / Time 05/21/2018 12:31	Reported Method ALERT2	Created By SUPER USER
CAD Incident CFS Type	Agency Incident / Actual CFS Type 3345678	Incident From Date / Time 05/21/2018 10:11	Incident To Date / Time
Crime / Arrest Location (INCIDENT)	Area / Prec		
Address 123 10TH ST	Blk / Apt / Suite	County / Prec / PO	City CRENSHAW
State NJ	Zip 07025	County BI ROEN	Municipality CRENSHAW BORO
Disposition Date & Time	CAD Disposition		

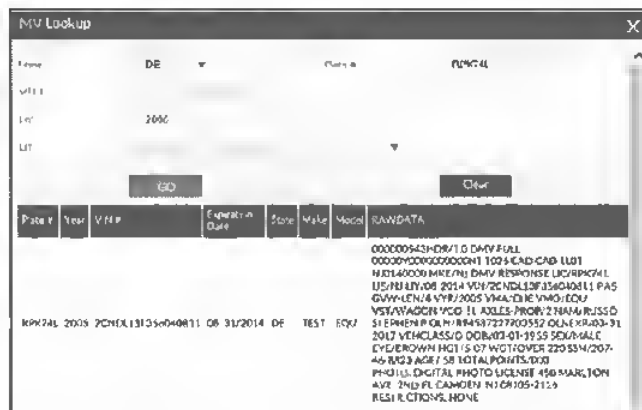
▲ Tabs provided for collecting data from a field interview, and generating reports via the collected data directly.

Area 15— Impounded Vehicles

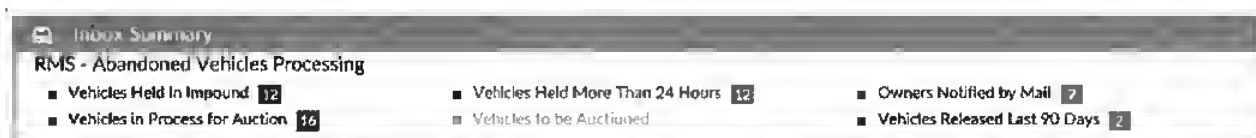
InfoShare™ RMS supports the entry of all identifying information for all of vehicle types, including boats, cars, motorcycles, airplanes, and other items used for transportation. A vehicle may be impounded as evidence in an ongoing investigation or other reasons, such as the driver was driving under the influence, the vehicle has been abandoned or because it was parked in a prohibited location. The impound reasons are recorded in the system and associated with the impoundment information about the towed vehicle, including the VIN, description, license number, and the condition of the vehicle, as well as information about the car owner and driver.



►► The vehicle will first be checked against the MVI in InfoShare™ RMS and a MV lookup function is provided for querying it from NCIC.

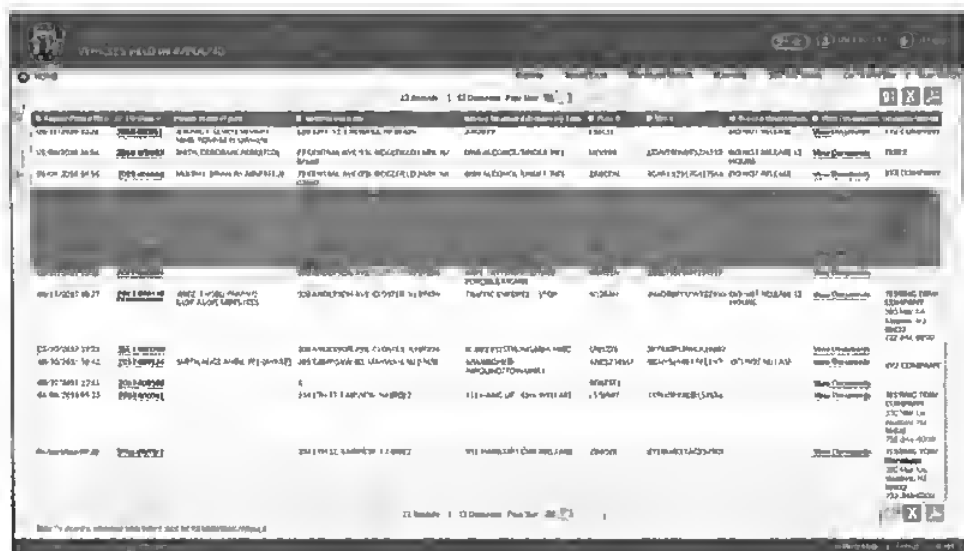


▼ InfoShare™ RMS provide the full impounded vehicles management



InfoShare™ RMS provide the full impounded vehicles management from a vehicle is being impounded, in process for auction and being released, including the vehicle value estimation and related information of fee collection are captured. If the vehicle has evidentiary value, it will be subject to the rules for chain of custody and will be protected and tracked by the system like other tangible evidence. InfoShare™ RMS can treat the vehicle and most of its contents as one piece of evidence. However, if additional evidence is found during the impoundment process, it can be processed as a stand-alone piece of evidence.

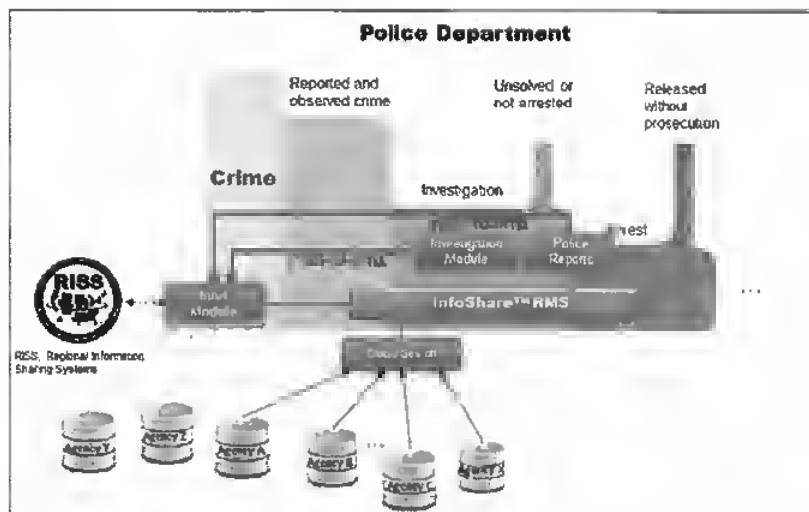
► The list of impounded vehicles with highlight when the vehicle is invoked in a confidential case, and it is only visible to authorized users.



Area 16— Intelligence Cases

RMS has a "PUSH-TO-INTEL" function to transmit reports for evaluation by the Intel unit for 28CFR23 Criminal Intelligence.

CSI Technology Group is well aware of the importance of standards based applications to allow for the maximum flexibility and accountability. We are very proud to say that our Intelligence Module and Global Search tool has been reviewed and approved by the U.S. Department of Justice, Bureau of Justice Assistance for inclusion as a node on the U.S. Regional Information Sharing Systems (RISS¹).



▲ The extended Intel Module enhances the ability of preventing future crime activity and/or supporting the next investigation

This node allows users in the Commonwealth of Virginia to access a plethora of databases across the United States and allows users from other states to see intelligence data from Virginia. These systems are safeguarded by Federal Regulations (28 CFR, Part 23) and failure to comply with these laws results in very serious civil rights violations.

CSI's software enables the sharing of raw intelligence data among disparate systems in real time, while still ensuring that civil liberties are protected, as required by the Federal Standards of the Code of Federal Regulations, 28 CFR Part 23. In addition, CSI has been certified by the NJSP to perform searches of the National Criminal Information Center (NCIC) and the State Criminal Information Center (SCIS). This means that data such as that contained in the Stolen Vehicle File, Stolen License Plate File, Stolen-Missing Gun File, Stolen Article File, Wanted Person File, Stolen, Embezzled, Counterfeited or Missing Securities File, Stolen Boat File, and Hazardous Material databases can now be at an officer or investigator's fingertips momentarily through CSI's InfoShare™ products.

The U.S. Department of Justice, Bureau of Justice Assistance has also approved and certified CSI's Global Search Tool for connection to the RISSNet Intelligence System. DOJ's Regional Information Sharing Systems (RISS) Projects have joined the New Jersey State Police and the New Jersey Office of Homeland Security and Preparedness in connecting to CSI's Global Search Interface to share intelligence data, connecting law enforcement agencies in all 50 states, with the National Data Exchange (N-DEx) and several foreign countries, including INTERPOL.

¹ www.RISS.net

Area 17— Juvenile Custody

A contact with a juvenile is documented in InfoShare™ RMS. The contact may result in a citation, referral, or detention. Taking the juvenile into custody allows the law enforcement officer to have the juvenile assessed and ensure the juvenile is not in danger. The law enforcement officer will gather information from the juvenile about the event to determine whether an offense (or status offense) occurred and whether to sanction the juvenile in any way. In some jurisdictions, the law enforcement officer who takes the juvenile into custody will take the subject to a juvenile intake center for assessment. In other cases, qualified personnel at the law enforcement agency will make the assessment. Once the law enforcement officer has determined that the circumstances warrant more than admonishment, he or she will determine the appropriate recourse or referral. This evaluation is based on the nature of the incident, whether weapons were involved or narcotics were present, and the number of past contacts with the law and victims. In many jurisdictions, referral to juvenile intake is mandated if the juvenile has a pattern of delinquency over a period of time defined by law.

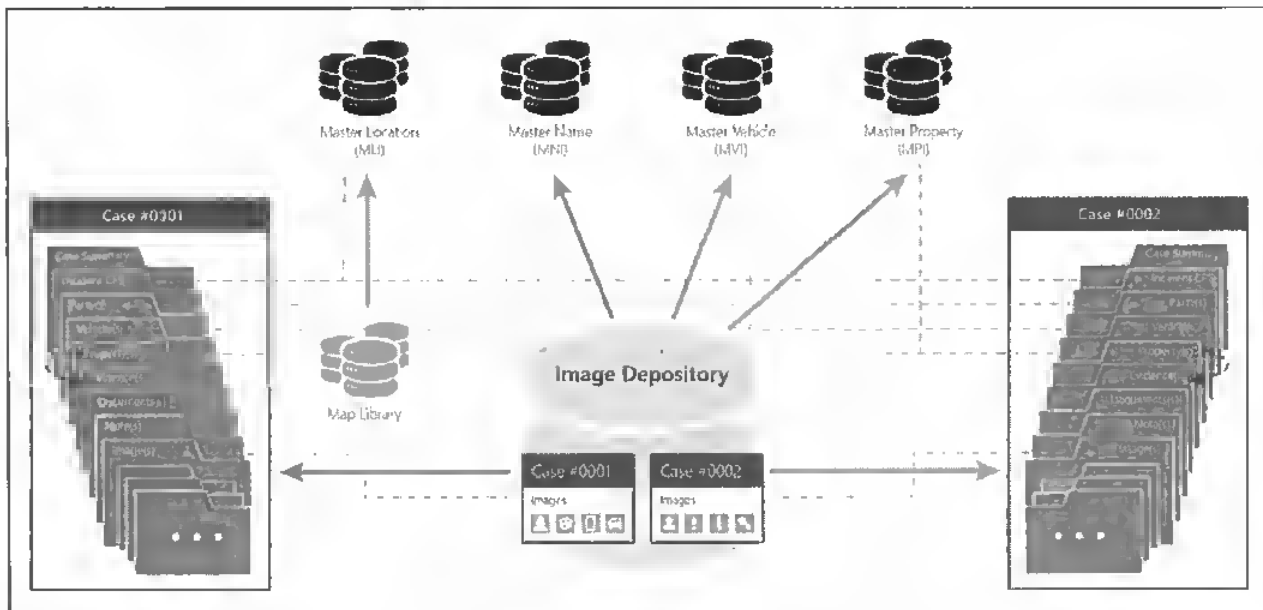
The juvenile may be released to a parent or guardian, a hospital, or other non-judicial authority. Informal diversion might include requiring the juvenile to perform specific community service. RMS has a mechanism that allows for timed alert notices if follow-up contact or information is necessary. InfoShare™ RMS will support these activities by documenting the contact with the youth in a juvenile contact record. It also will guide the law enforcement officer to the appropriate remedy, sanction, or referral, depending on the circumstances. In handling a juvenile contact, law enforcement officers must communicate with both the professionals conducting the assessment and the juvenile's parents or guardian. RMS must document these communications, as well as other information about the juvenile. The youth's full name, age, address, contact (i.e., family) information, physical description, gender, and name of school he or she attends, as well as information about the incident, are examples of information that will be entered into RMS. RMS should have the ability to automatically archive juvenile contacts after a requisite period of time (as governed by state law) has passed since the entry or when the subject turns 18 years of age (whichever occurs first).

Incident #	Date	Status	Priority	Incident Description	Location	Action
01/26/2018 12:20	2018-000000	PRIMARY	25	25 7TH ST, RIDGEFIELD PARK, NJ 07060	ABANDONED BOUNDED TOY CAR	View Edit Print
01/26/2018 07:41	2018-000000	PRIMARY	35	35 8TH ST, RIDGEFIELD PARK, NJ 07060	ABC INVESTIGATION	View Edit Print
01/25/2018 22:28	2018-000000	PRIMARY	3	3 GLENWOOD AVE, IRONIA, NJ 07061	ALARM BURGLARY OR HOLD UP RESIDENCE	View Edit Print
01/21/2018 05:40	2018-000000	PRIMARY	3	ARMORY PL, TEANECK, NJ 07646	ALARM ALL OTHERS	View Edit Print
01/01/2018 14:54	2018-000000	PRIMARY	3	317 E 10TH AVE, IRONIA, NJ 07060	ALARM BURGLARY OR HOLD UP RESIDENCE	View Edit Print
01/01/2018 01:16	2018-000000	PRIMARY	3	317 E 10TH AVE, IRONIA, NJ 07060	ALARM BURGLARY OR HOLD UP RESIDENCE	View Edit Print

▲ An example of the case highlight when a juvenile is involved in the case.

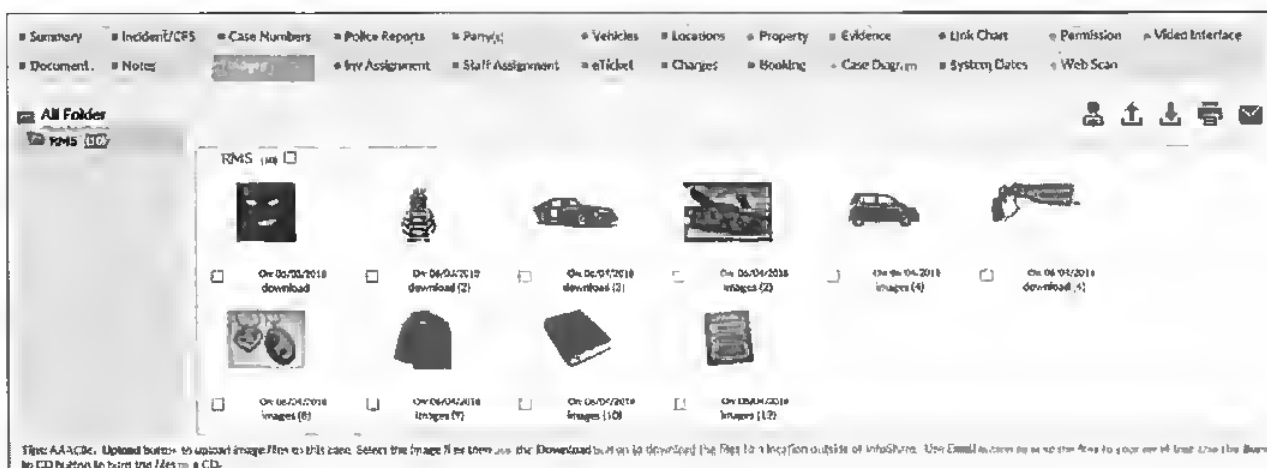
Area 18— Images Function

The architecture design of InfoShare™ image function is a centralized image depository that is located, stored, and maintained in a single location. All images are stored centrally and associated case(s) and master indices (e.g., MNI, MVI, MPI, etc.) As the single storing place of all the images also implies that a given set of image only has one primary record, data integrity is maximized and data redundancy is minimized. This aids in the maintaining of data as accurate and as consistent as possible and enhances data reliability. Generally the design is much better for data security and data preservation, and easier for using by the end-user due to the simplicity of having a single image depository.



▲ The architecture of the single image depository of InfoShare™ RMS

Often, an incident case is associated with multiple images and might involve one or more person record(s), vehicle(s), or property(s). And there are also images that might be appended to these person, vehicle, or property records. InfoShare™ RMS makes this complex situation easy by the design of single image depository and image linkages. For example, there are several images which are related to the incident case, and could be easily accessed through the image tab.

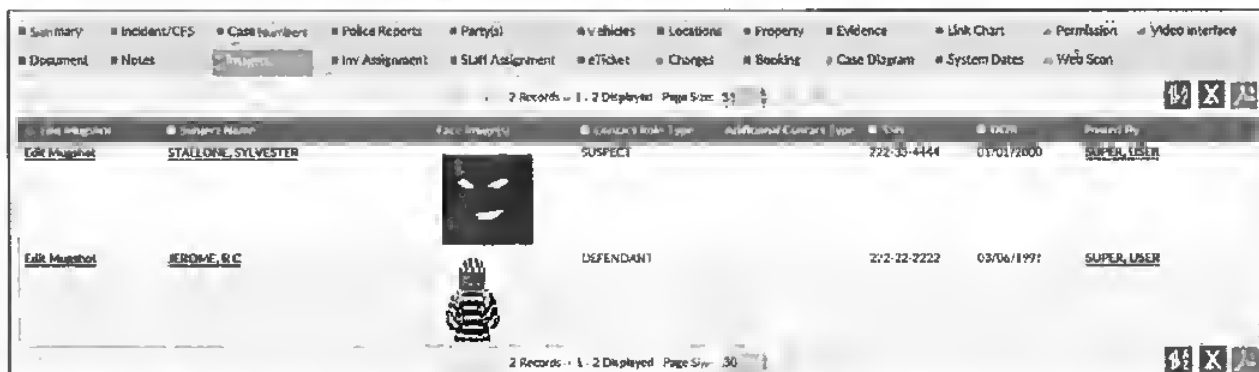


▲ There are multiple images associated with a single incident case

InfoShare™ RMS enables the ability of linking an image to a certain person, property, or vehicle. The following demonstrates linking an image which is from a case to a person involved in the case and showing the linkage between the image and person in master name index.



▲ Choose an image from the image tab of an incident/case and link it to a person from the name list of persons involved in the case.



▲ The image is displayed with the person it linked to on the person list of mugshot mode.



▲ When an image is linked to a person in the case, it is also linked to the master name of the person. The image could also be found in the image tab of the person via master name.

Area 19— Objects Function

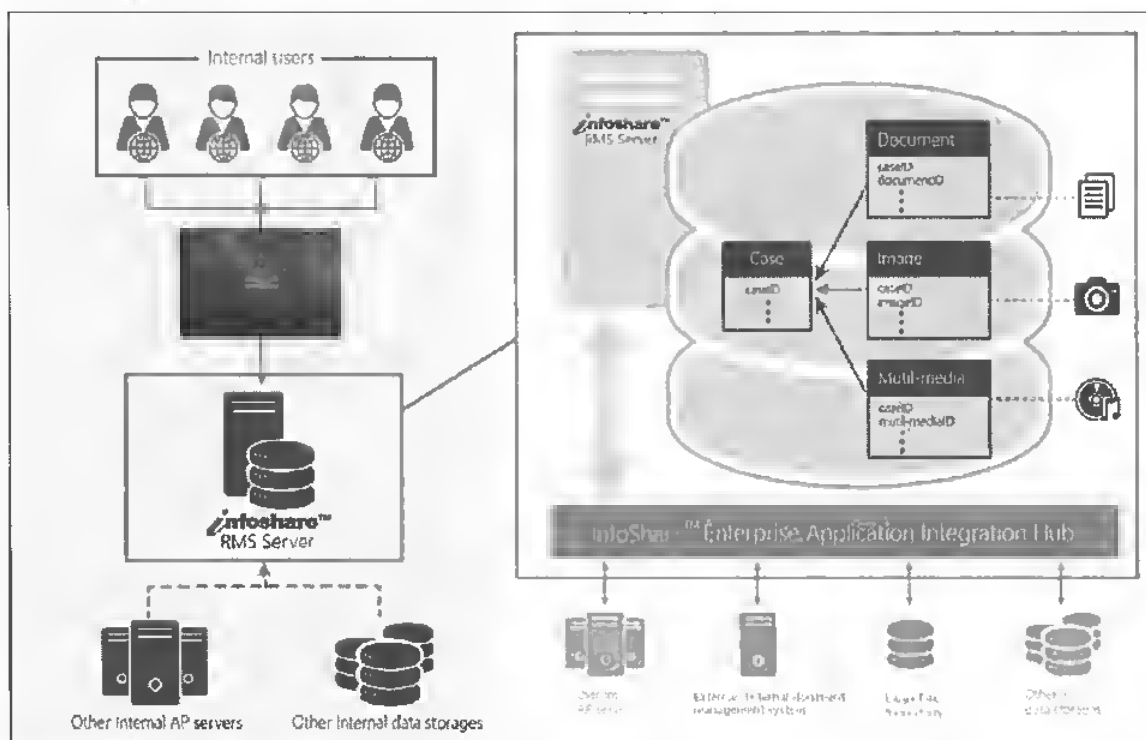
Document and File Management

CSI provides powerful document management tools with a centralized library to store a wide variety of data files including documents, audio, video, and images. The documents, audio, video, and images are uploaded and associated to cases with application/file type, complaint ID, file name, and a system generated unique file number. The file types under the tab includes but not limit to 'Word', 'Excel', 'PPT', 'PDF', 'MP3', 'WMA', 'WAV', 'MP4', 'MOV', 'WMV', 'FLA', 'AVI', and 'ASX'. The library is searchable by any of the file attributes or by file content through CSI provided OCR Full Text Search feature.

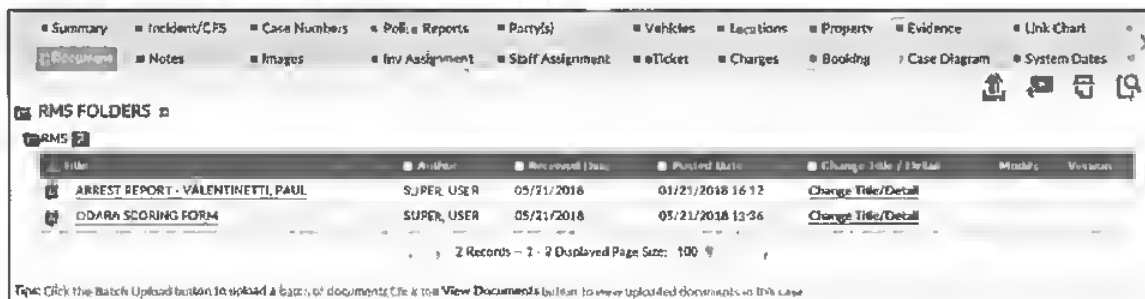
DOCUMENT MANAGEMENT SYSTEM



▼ The Architecture of InfoShare™ RMS and DMS



▼ An example of multiple documents associated with an incident/case in InfoShare™ RMS



Area 20— Officer Activity Module

InfoShare™ RMS equips a Scheduler module that ties into the other modules, allowing managers and supervisors easily prepare and control staff schedules. ▼ A visual scheduling tool seamlessly integrated with personal module and RMS

It provides the ability to not only keep organized work schedules for any of your agency's shifts, but also has layers which cover overtime, comp time, vacation and training assignments and posts assignments which need to be tracked on a daily, weekly monthly and yearly basis, providing a clear overview of who is working at any time.

The screenshot displays the InfoShare RMS Scheduler interface. It features a sidebar on the left with navigation options like 'Home', 'Schedules', 'Reports', and 'Settings'. The main area shows a grid of officer assignments for different shifts (e.g., 0700-1500, 1500-2300) across several dates. Each cell in the grid contains an officer's name and a small icon representing their status or assignment.

The Scheduler module is also designed for each agency/jurisdiction to manage data relating to officer activity and every aspect of calls received, regardless of how calls are received, including: Officer Activity Log, Name Records, Officer Records and Activity Log. Every Officer Activity record is able to associate multiple narratives and multiple digital images, documents, or other objects requested by RPD.

The information provided in the Activity Log minimal Includes —

- ✓ Law Enforcement Agency/Jurisdiction
- ✓ Case Number
- ✓ Log Number
- ✓ Case Created (Y/N)
- ✓ Date Received
- ✓ Received By
- ✓ Received Method
- ✓ Offense Date
- ✓ Offense Class
- ✓ Complaint Type
- ✓ Ten Code
- ✓ Nature of Call
- ✓ Status
- ✓ Action Taken
- ✓ Address, City
- ✓ Agency-Definable Fields (on demand)

Every Officer Activity record is able to associate multiple narratives and multiple digital images, documents, or other objects requested by RPD.

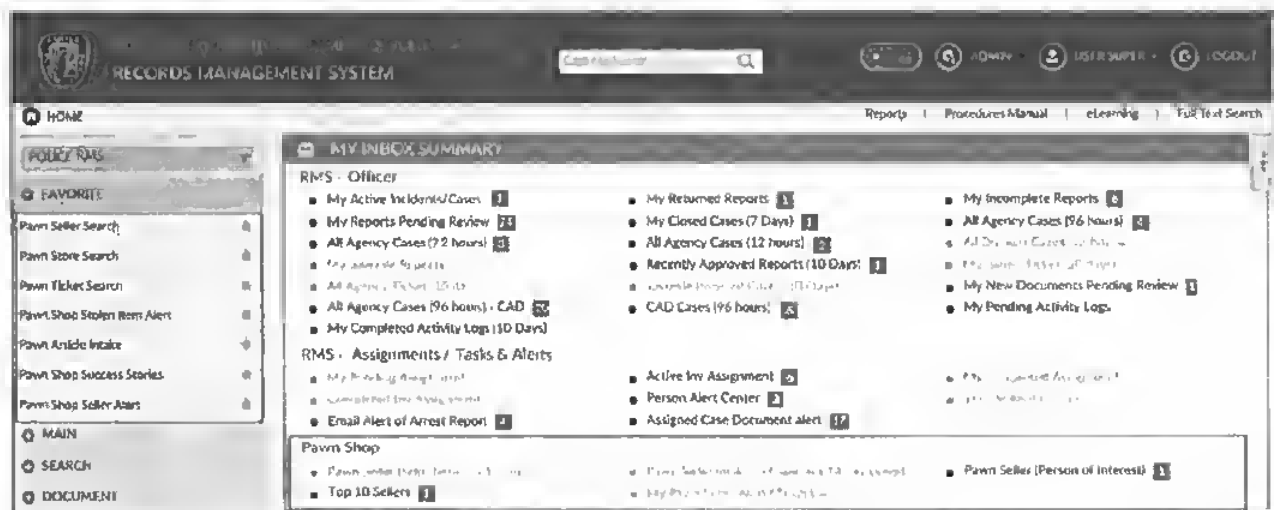
► An example of a basic officer activity log associated with Case records

The screenshot shows the InfoShare RMS Activity Log interface. It displays a list of activity records with columns for 'Date', 'Time', 'Officer', 'Details', and 'Status'. The records include information such as '10/10/2011 10:00', '10/10/2011 10:00', '10/10/2011 10:00', and '10/10/2011 10:00'. The details column contains text like 'TRAFFIC ENFORCEMENT - STOP' and 'TRAFFIC ENFORCEMENT - STOP'. The status column shows 'CLOSED' and 'REPORT'.

Area 21— Pawn Module

The InfoShare™ Pawn Shop feature facilitates the transfer of pawn shop data from the shops to police departments to the Prosecutor's database. The system tracks what suspicious sellers are selling, enables police to look for specific stolen items and tracks selling patterns of those frequently liquidating merchandise at pawn shops. InfoShare™ facilitates this by storing a list of all pawn shops, available for selection from a drop-down menu, easy query and reporting features and automatic alerts when identified merchandise is unloaded at a pawn shop or a targeted suspect makes a transaction.

CSI does offer a Pawn Shop Management application. The version currently being used in the field relies on the police staff entering the data into the application. A concept module has been designed that would require the Pawn Shop to enter the data. The cost for this module would then be borne by the Pawn Shops as opposed to the City.



▲ Pawn Shop Management Features

Area 22— Personnel Administration Module

Personnel Management – This module allows users to request days off, request training, document time off and document training. Additionally, all issued equipment can be documented via this application. The officers' unit assignments, training history and overtime history are all documented within the application.

The InfoShare™ Personnel Management Module is designed to handle all aspects of employee management including –

- ✓ Time Off
- ✓ Overtime
- ✓ Training – Requests and Documentation
- ✓ Equipment assigned
- ✓ Job Assignment History
- ✓ Biographical data

A powerful system with submodules for scheduling and policy compliance, the InfoShare™ Personnel Module has been designed to allow your agency to effectively manage and document your scheduling, training, and policy and procedure activities. Employee time, training requests, document tracking (with electronic signatures, if needed) and other HR functions are all handled.

	VACATION DAY (hrs)			SICK LEAVE (hrs)			EARNED INCENTIVE DAY (hrs)			PERSONAL DAY (hrs)			COMP TIME (hrs)		
	Avail	Used	Total	Avail	Used	Total	Avail	Used	Total	Avail	Used	Total	Avail	Used	Total
12/31/2017	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
1/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
2/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
3/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
4/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
5/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
6/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
7/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
8/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
9/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
10/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
11/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
12/1/2018	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
TOTAL	11.5	0	11.50	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00

▲ An example of leave summary, and the other information associated in Tabs, HR Summary, Training records, Firearms, Documents, and Equipment

All components are user-friendly and can be configured to your needs with our built-in support file management system. No matter the size of your organization, this new total HR solution will meet your requirements and allow you to move to a paperless environment.

The ability to document, manage, and schedule training is very important to most organizations and often laden with details and many levels of approval. The training component within the InfoShare™ Personnel module, configured to your agency's workflow and requirements, facilitates this entire process. It allows for administrative batch training entry or individual requests and tracks the request through your agency's approval chain. Once a training request is administratively assigned or approved, the requestor receives a training email and inbox notification. Training is tracked all the way to the final approval and is reflected in the agency's scheduling calendar.

Area 23— Parking Tickets Module

Our fully integrated and New Jersey Administrative Office of the Courts certified eTicket solution will save the tickets directly to the RMS application, automatically publish the offender data along with event data to the RMS and transmit the data to the State Automated Traffic Ticket System (capable for providing the integrated solution to accommodate Virginia's regulation). This is a tremendous *cost savings* as the Courts and the Police Department generally have staff dedicated to nothing more than typing in the same data to the Police Department Record Management System AND the State Automated Traffic Ticket System. This duplicative and wasteful effort being done by at least three (3) people per ticket (officer issuing the summons, clerk at the Police Department and clerk at the Municipal Courts) is whittled down to the officer only at the time of issuance thus freeing up staff to handle other responsibilities that may be neglected.

For Parking Tickets and Moving Violations, InfoShare™ provides full citation management, including issue the tickets, generate the ticket costs, document the tickets as being paid, issue warrants when a ticket isn't paid, etc.

The screenshot displays the InfoShare eTicketing interface, which is divided into two main panels. The left panel, titled 'OFFENSE INFORMATION', contains a table with columns for 'Offense Code', 'Offense Description', 'Offense Type', 'Offense Date', 'Offense Time', 'Offense Location', 'Offense Status', and 'Offense Action'. The right panel, titled 'VIOLATION INFORMATION', contains a table with columns for 'Violation Code', 'Violation Description', 'Violation Type', 'Violation Date', 'Violation Time', 'Violation Location', 'Violation Status', and 'Violation Action'. Both panels have a 'Save' button at the bottom.

▲ An Example of issuing a parking ticketing in InfoShare™ eTicketing

Area 24—Towed Vehicles

The Towed Vehicle Module of InfoShare™ RMS provides a completed solution for both end-users and system administrators for controlling—

- ✓ Tow Processing
- ✓ Vehicle Processing
- ✓ Notification Processing
- ✓ Release Processing

The Towed Vehicle Module of InfoShare™ RMS is designed for managing the status of vehicles that have been towed and stored without any restriction on its release. The distinct module for each agency/jurisdiction to document and manage the towing and storage of vehicles either as an extension of an Incident, Traffic, Arrest and/or Citation record or to document the towing of a vehicle independent of any other transaction. It includes the functions of

- ✓ maintaining data on towing service providers,
- ✓ documenting removal, towing, and vehicle storage, and
- ✓ generating notification letters to owners of towed and stored vehicles

A Tow form is used to collect data to document the removal, towing, and storage of a vehicle, which includes unique data fields to record, at a minimum, and the following information for each tow transaction:

- Law Enforcement Agency/Jurisdiction
- Associated Case File, Citation Number(s), if any
- Tow Date/Time
- Tow Reason (support file applied)
- Supplemental Vehicle Details (support file applied)
- Tow Location (MLI applied)
- Vehicle Details (MVI applied)
- Towing Service
- Towed Vehicle Storage Location
- Officer ID and Name

Area 25— Field Reporting

In the Incident Case File, an officer can record suspects, victims, witnesses, and other contacts, as well as basic background information about the case such as type, date, location, vehicle, etc. The system has a Subject and Contact page that lists all persons involved and provides hyperlinks to each person's fact sheet. The Locations page provides an intake and summary for locations or establishments involved and there are Note, Log Book, and Dissemination pages for the posting of possible leads, to track progress and alterations, and to see who requested and received information from the incident file. The Documents page provides a hyperlinked list of all reports, images, and any other files that are associated to the Incident record.

We ensure that the use of forms remains consistent and regulated by all users at all times through the use of standardized report blanks, which are maintained within the InfoShare™ application. These auto-fill templates minimally include—

- | | |
|---|------------------------------|
| ✓ Investigations or Major Incident Report | ✓ Juvenile Complaint Form |
| ✓ Supplemental Report | ✓ Missing Person's Reports |
| ✓ Arrest Reports | ✓ Police Pursuit Report |
| ✓ Driving While Intoxicated Reports | ✓ Use of Force Report |
| ✓ Bias Incident Report | ✓ Property Report |
| ✓ Motor Vehicle Accident | ✓ Lab Request |
| ✓ Domestic Violence Reports | ✓ Street Gang Offense Report |

InfoShare™ provides a **Customizable workflow** for the routing of reports through the approval process.

- Reports can be reviewed and corrections noted. These reports can be sent back to the author for correction. The *author* is the one who always makes corrections to their report for Courtroom testimony integrity.
- Once reports receive final approval, digital signatures are affixed and the reports are saved in a sanitized PDF format for Discovery purposes.(In New Jersey, all corrections are truncated from the meta data, as they are not required to be maintained, according to NJ state law. This feature can be modified to accommodate Richmond City's regulations.)

For Workflow and Report approvals, we have found it Important and quite beneficial that we offer three different models of Approval by the senior officers in a given agency. Some agencies have a policy whereby only the specific Supervisor (e.g. Sergeant or Lieutenant) can approve an officer's police report in the RMS. Some, on the other-hand, allow a "pool" of supervising officers to review/approve a given police report. This avoids the "My boss is on vacation" scenario. We also offer a hybrid process that allows for pool-approval on an exception basis. We have found that officers value this design feature highly.

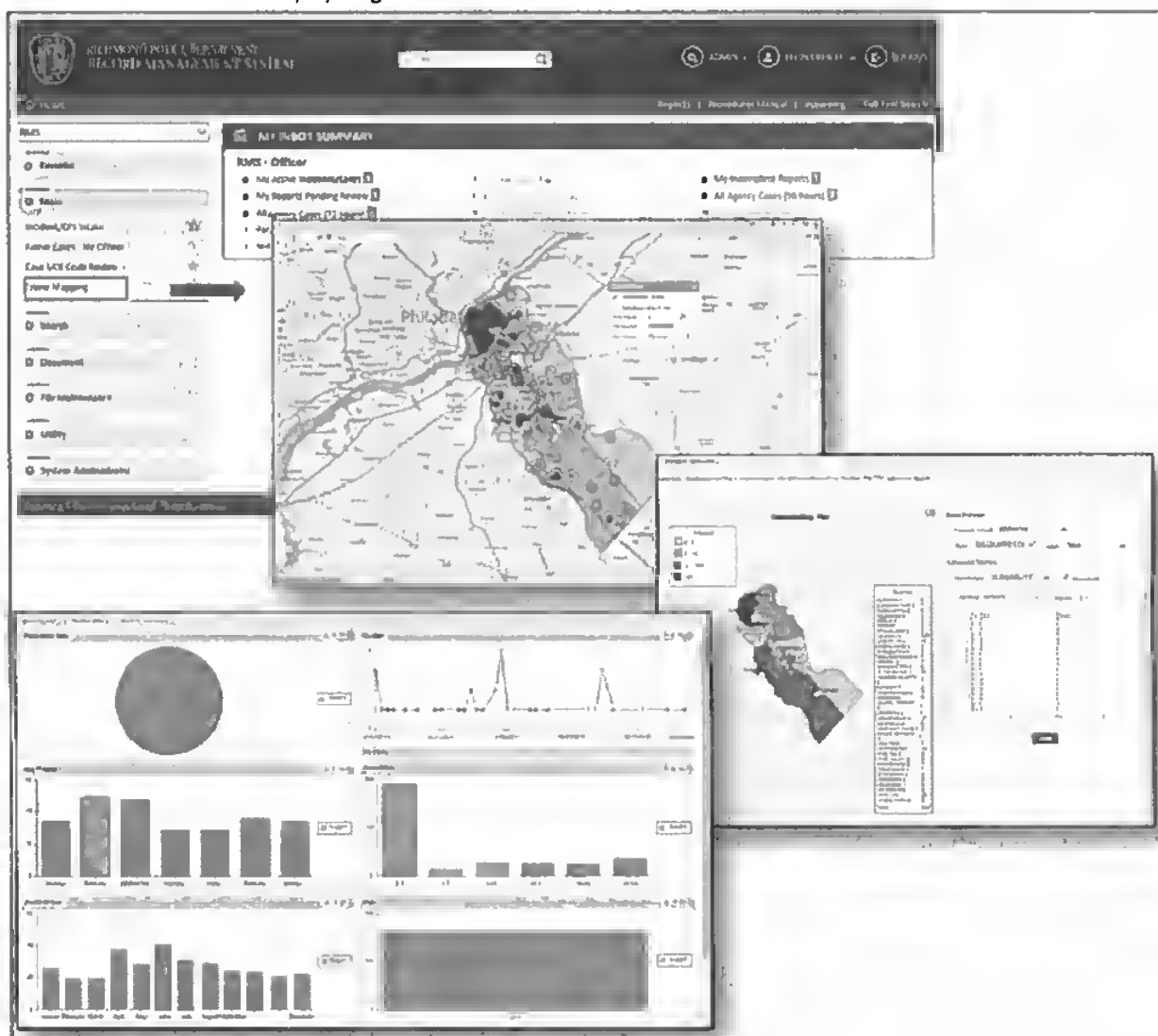
Last but not least, one of our goals as a service provider is to have a subject's pedigree information **ENTERED ONCE** for his/her lifetime. The users always have the ability to update their information, but with today's technology, there is absolutely no reason that data should have to be entered multiple times. When adding or updating a case by adding a party, the system checks InfoShare™'s Master Name Database and automatically populates the case with the existing data. The user then has the ability to update the existing information and the system moves the previous information to the historical data file. Because the database is updated in real time, the modified information is immediately available to all. The extensive historical data, i.e. AKA's, SSNs, addresses, phones, etc., becomes very helpful for the agency users.

Area 26— Crime Analysis

CSI's RMS will integrate the analysis, visualization, and visual presentation capabilities of Data Clarity to exceed this requirement by providing graphs using Data Clarity's BIRT capabilities, charts using Data Clarity's enhanced visualization capabilities, temporal displays, and geospatial displays.

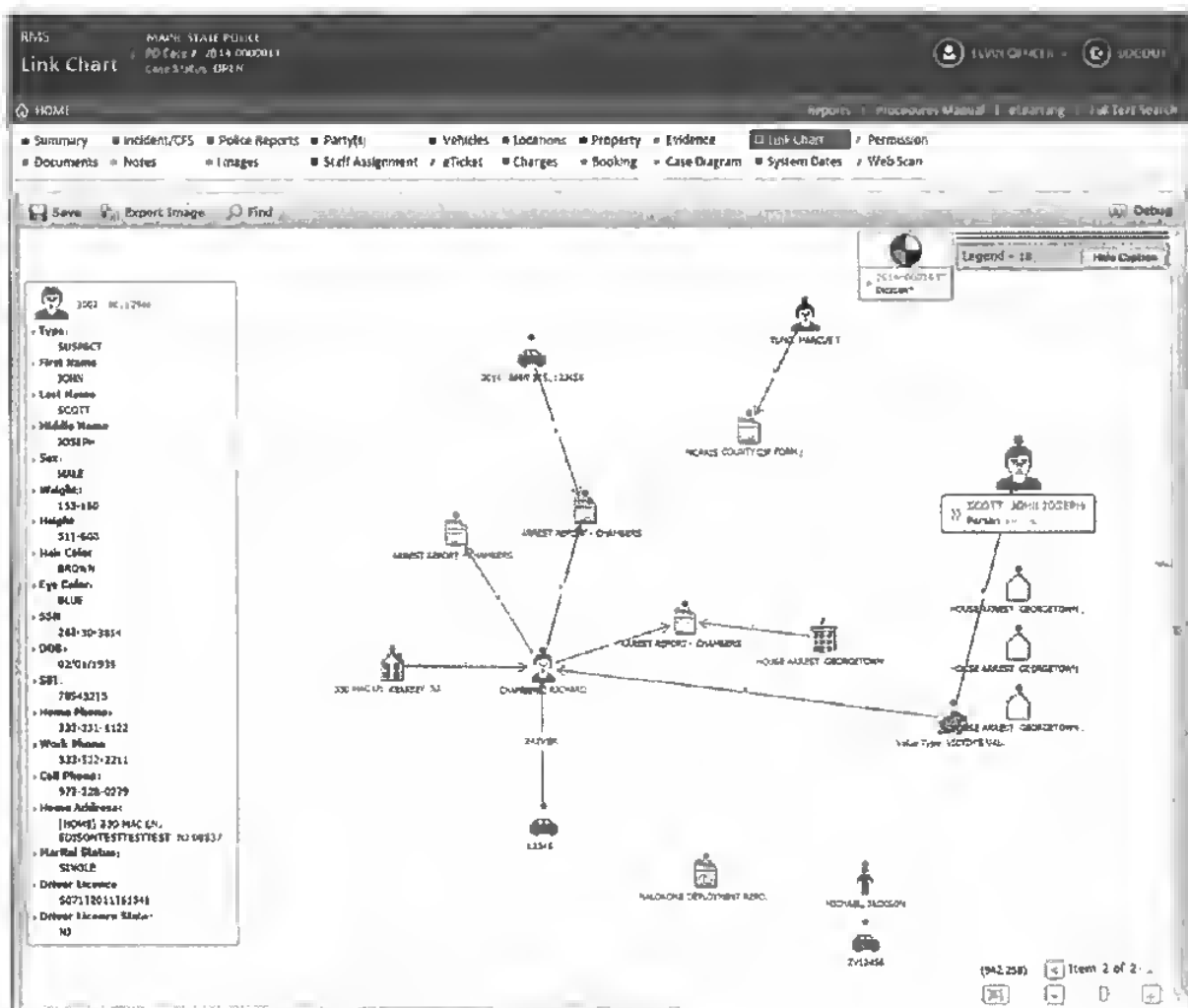
The InfoShare™ RMS integrates with GEO mapping to provide visual analysis reports. The GIS and GEO-File also allow users to view, understand, question, Interpret, and visualize data in multiple ways to reveal relationships, patterns, and trends. CSI provides a complete suite of Crime Analysis tools that will allow the RPD to sift through vast amounts of data for connections, relationships, and critical links among their targets, identifying suspects, trends and patterns. Our Data Clarity Tool will provide RPD with advanced information retrieval capabilities to extract information from multiple data sources simultaneously, employing powerful data mining, visualization and analysis capabilities.

- ✓ **Crime Mapping** is dedicated to helping law enforcement agencies provide the public with valuable information about recent crime activity by neighborhood.



▲ Example of Crime Mapping in action

- ✓ **Link Analysis** is a data-analysis technique used to evaluate relationships (connections) between objects. Relationships may be identified among various types of objects, including organizations, people and transactions. Link analysis has been used for investigation of criminal activity (fraud detection, counterterrorism, and intelligence), computer security analysis, search engine optimization, market research and medical research.



▲ Example of Link Analysis In action

CSI provides outstanding analysis abilities. The InfoShare™ RMS application has two embedded, powerful analysis tools: **Crime Mapping** and **Link Analysis**, providing the ability to find patterns of criminal activity through more accurate filtering. Furthermore, data in the RMS can be exported to third party, specialized analysis products, extending the data analysis ability.

Area 27— Permits and Licensing

Additionally, InfoShare™ RMS provides a Permits & Licenses module that runs off the InfoShare™ base application. Users will be able to enter and maintain: Firearm Permits, Alarm Permits, Limousine & Taxi Licenses, Vacant House & Building checks, other Municipal Permits as designated by the agency (i.e. special parking permits, handicap parking permits, parade permits, etc.).

Permits & Licenses – Users will be able to enter and maintain –

- ✓ Firearm Permits (NOTE: This data synchronizes with the Master Indices in the RMS so that officers are aware of weapons that a person may have.
- ✓ Alarm Permits
- ✓ Limousine & Taxi Licenses
- ✓ Vacant House & Building checks
- ✓ Other Municipal Permits as designated by the agency (i.e. special parking permits, handicap parking permits, parade permits, etc.)

ALARMS SUMMARY

366 APPLE RD, MCALISTERVILLE, PA 17049
Permit # 2016-0036

USER: SUPER LOGOUT

HOME Reports Procedures Manual eLearning Full Text

ALARMS INFO Permits Contact Info History Fees Notice Images Documents Notes

▲ ALARM LOCATION

Address 366 APPLE RD	Bldg / Apt / Suite	Common Place / POI	City MCALISTERVILLE
State PA	Zip 17049	County	Municipality
Structure Type RESIDENTIAL	Sector / Area	Business Phone	

▲ ACTIVE ALARM LIST

Permit Sub #	Permit Info.	Alarm Company Info.	Monitoring Service	Other Info.	Permit Type
2016-0036-001	Control #: Beginning Date: 01/01/2016 00:00 Expired Date: 12/31/2016 23:59	Company Name: Power ABC Phone #: 773-442-3177	Service: Phone #:	Geted Community YES Gate Code: To Central YES Audible YES	<input checked="" type="checkbox"/> EMS <input checked="" type="checkbox"/> Fire

▲ ▼ The requirement of alarm tracing is well managed in the module.

ALARMS INFO Permits Contact Info History Fees Notice Images Documents Notes

2 Records -- 1 - 2 Displayed Page Size: 30

Date/Time	Permit #	Incident #	Description	Amount Charged	Amount Paid	Note
04/22/2016 15:48	2016-0036-001		MISTAKE	\$150.00	\$50.00	by mistake
04/22/2016 15:50	2016-0036-001		FIRE	\$500.00	\$500.00	small fire, nobody got hurt
				\$650.00	\$550.00	

AND

Area 28— Mobile Data Solution

InfoShare RMS Mobil Data Terminal— Everything that can be done in the Records Management System on a desktop PC can be done via the MDT. There is not a “thin version” of the RMS on the MDT, like a lot of our competitors offer, it is the full version. When an officer needs RMS information or needs to do their job, they need to do it immediately and in 2018 It is not practical to expect the officers to do everything from within headquarters. Below are screen shots from the MDT solution offered by CSI Technology Group.

The screenshot displays the RMS MDT home page. On the left is a dark sidebar with icons for Home, CFS make, CFS Search, Ticketing, NCIC - Vehicle, NCIC - Person, Nearby List, and Chatting. The main content area has a top navigation bar with 'My Inbox Lists' and several filters: 'My Active Incidents / Cases' (selected), 'My Pending Tickets (7 Days)', 'My Issued Tickets (7 Days)', 'My Closed Cases (7 Days)', 'All Agency Cases (12 Hours)', and 'All Agency Tickets (30 Days)'. Below this is a 'Page Size: 10' dropdown. The main table lists incidents with the following columns: Report Date / Time, PD Case #, Incident Location, Incident CFS Type, and Actions. Each row includes a 'Ticketing' button and an 'NCIC' button.

Report Date / Time	PD Case #	Incident Location	Incident CFS Type	Actions
04/01/2018 03:11 PM	201800013	KY-330, KY	911 HANG UP / CHK WELFARE	Ticketing NCIC
05/15/2018 03:15 AM	201800011	QE	ACCIDENT NON TRAFFIC - OTHER GENERAL POLICE	Ticketing NCIC
05/04/2018 01:38 AM	201800010	111 TEST, NJ	ACCIDENT NON TRAFFIC - HOME GENERAL POLICE	Ticketing NCIC
04/18/2018 04:19 AM	201800009	11 522, NJ	ACCIDENT NON TRAFFIC - HOME GENERAL POLICE	Ticketing NCIC
04/18/2018 03:47 AM	201800008	119 WILLOW GROVE RD, STEWARTSVILLE, NJ 08886, NJ	ACCIDENT NON TRAFFIC - HOME GENERAL POLICE	Ticketing NCIC
04/18/2018 03:13 AM	201800007	119 WILLOW GROVE RD, STEWARTSVILLE, NJ 08886, NJ	ACCIDENT NON TRAFFIC - WORK GENERAL POLICE	Ticketing NCIC
04/18/2018 02:39 AM	201800006	11, NJ	ACCIDENT NON TRAFFIC - HOME GENERAL POLICE	Ticketing NCIC
04/17/2018 05:53 AM	201800005	DD, NJ	ABANDONED IMPOUND/TOWAWAY	Ticketing NCIC
04/17/2018 05:49 AM	201800004	DXT, NJ	911 HANG UP / CHK WELFARE	Ticketing NCIC
04/09/2018 11:55 PM	201800002	413 N BLACK HORSE PIKE, RUNNEMEDE, NJ 08078	ABANDONED IMPOUND/TOWAWAY	Ticketing NCIC

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▲ RMS MDT home page

InfoShare™ MDT enables the ability with mobility. The active incident cases are highlighted on the home page, and notification reminders for unread notices, messages and scheduled events, displayed once an officer logs in to the MDT successfully. The user- friendly design makes viewing and updating a case simple. Also, it's able to record a new CFS case immediately or search for CFS cases, issue and search tickets, connect to NCIC for person or vehicle information anywhere, anytime; there's no need to be in the office. The officer would be aware of incidents happening nearby through the feature of Nearby List, which shows cases created by other officers nearby, and contact an officer who might need assistance via Chatting feature. Finally, when the officer completes the day's work and heads back to headquarters, all the records are there, no more typing work is required and only few clicks to generate the reports.

Area 29— K-9 Module

InfoShare™ RMS provides a K-9 management, captures and logs training sessions for the following:

- ✓ Narcotics
- ✓ Tracking
- ✓ Article
- ✓ Weapons
- ✓ Packages (postage, boxes, envelopes)
- ✓ Bite Work
- ✓ Protection Work
- ✓ Bomb/Explosive Searches
- ✓ Cadaver Searches
- ✓ Accelerant/Arson

▲ An example of canine profile maintenance

▲ An example of canine incident report

The K-9 Management works on multiple devices and platforms, such as iOS or Android, and is able to capture,

- ✓ x, y coordinates with in the live Reports and Training Reports
- ✓ medical information on K-9, Breed, weight, height, Vet visits, Medicines giving to K-9
- ✓ all narcotics issued to K-9 Officer and maintain type, amount, date received, weight.
- ✓ DEA forms and permits needed for Narcotics Possession for training purposes.
- ✓ all equipment used by handler and K-9, Kong, Narco Bag, Tracking Leads, Bite Suits, Bite Sleeves, Bullet proof vest
- ✓ Food and Water intake of K-9

Area 30— Jail Management System (JMS)

InfoShare™ Jail Management System tracks and manages all aspects of an inmate's incarceration period. With automated features and complete integration to InfoShare™ RMS and interface with Virginia Local Inmate Data System (LIDS), Corrections Officers have instant access to the detailed history of an offender, allowing them to make informed decisions for a safe and secure facility.

Current Inmate Population

26 Records - 1 28 Displayed | 30 Records/Page

Report #	Report Date/Time	PD Case #	Person Name (Type)	Inmate Location	Charge / Detainers	Actual Agency/Ticket CPS Type	View Documents
YES	11/06/2017 08:53	2017-0001261	CHAMBERS, RICHARD E. (SUSPECT)	Housing Unit INT Cell Number: 3, Bed 1	2C 21-1 (DETAINER) 2C 29-06 (COMMITMENT)	MCCF PRISONER INTAKE	
YES	11/06/2017 08:58	2017-0001261	CHERRAQU, DAVON (SUSPECT)	Housing Unit INT	2C 38-56 (COMMITMENT) 2C 38-56 (DETAINER)	MCCF PRISONER INTAKE	
YES	11/06/2017 08:58	2017-0001221	CONROY, EUSEM (SUSPECT)	Housing Unit INT	1C 5-1A(1) (COMMITMENT)	MCCF PRISONER INTAKE	
YES	11/06/2017 08:55	2017-0001211	OGARLO, ALBERT J. (SUSPECT)	Housing Unit INT	2C 29-9 (DETAINER) 2C 38-78 (COMMITMENT)	MCCF PRISONER INTAKE	
YES	11/06/2017 08:55	2017-0001201	RANDOLPH, BRIAN M. (SUSPECT)	Housing Unit INT Cell Number: 1, Bed 1	2C 29-8 (DETAINER) 2C 38-50 (COMMITMENT)	MCCF PRISONER INTAKE	
YES	11/06/2017 08:58	2017-0001191	APPLIGATE, LEA (SUSPECT)	Housing Unit INT	2C 35-18A(1) (COMMITMENT) 2C 35-18A(1) (DETAINER)	MCCF PRISONER INTAKE	
YES	11/06/2017 08:58	2017-0001181	WILLIAMS, ROYMYLON (SUSPECT/VEHICLE)	Housing Unit INT Cell Number: 1, Bed 1	2C 12-1A(2) (DETAINER) 2C 29-8 (COMMITMENT)	MCCF PRISONER INTAKE	
NO	11/06/2017 08:56	2017-0001171	HARTY, JEFF (SUSPECT)	Housing Unit INT	2A 89-1 (COMMITMENT) 2C 12-1B(5)(7) (COMMITMENT)	MCCF PRISONER INTAKE	
YES	10/30/2017 08:33	2017-0000821	ROULARD, KATHARINE (SUSPECT)	Housing Unit INT	2C 29-8A (COMMITMENT) 2C 29-8B (DETAINER)	MCCF PRISONER INTAKE	
YES	10/23/2017 08:55	2017-0000791	TYRUMANN, VICTORIA A. (SUSPECT)	Housing Unit 7A	2C 14-2 (COMMITMENT) 2C 17-4A (DETAINER) 2C 38-5E(2) (COMMITMENT)	MCCF PRISONER INTAKE	
YES	10/23/2017 08:54	2017-0000671	MCNEERY, WILLIAM (SUSPECT)	Housing Unit INT	2C 29-8 (COMMITMENT) 2C 29-9 (DETAINER)	MCCF PRISONER INTAKE	
YES	10/23/2017 08:54	2017-0000621	WILFONG, TYRONE (SUSPECT)	Housing Unit INT	2C 29-8 (COMMITMENT) 2C 29-8 (DETAINER) 2C 35-18 1 (COMMITMENT)	MCCF PRISONER INTAKE	
YES	10/23/2017 08:54	2017-0000601	WILFONG, TAWANDA (SUSPECT)	Housing Unit INT	2C 29-8 (COMMITMENT) 2C 29-8 (DETAINER) 3P 4-50 (COMMITMENT)	MCCF PRISONER INTAKE	
YES	10/23/2017 08:54	2017-0000581	WILFONG, TYRONE (SUSPECT)	Housing Unit INT	2C 25-18A(4) (COMMITMENT) 2C 35-18A(4) (DETAINER) 3P 4-50 (COMMITMENT)	MCCF PRISONER INTAKE	
YES	10/23/2017 08:46	2017-0000481	GOHDO, MATTHEW M. (SUSPECT)	Housing Unit 2B	2C 29-8 (COMMITMENT) 2C 29-4 (DETAINER)	ONLY ASSIGNMENTS	

▲ An example of Current Inmate Population, associating with the PD case and person information.

InfoShare™ JMS has the abilities to

- ✓ maintain audit tracking for activity by users for all records and documents.
- ✓ manage the tracking and movement of inmates throughout the facility electronically.
- ✓ index documents and records for easy retrieval based on user selected search criteria
- ✓ provide any user access to any information contained in any offender's file, subject to proper authentication.
- ✓ establish various levels of access based on roles and responsibilities for a particular user and allow for a site specific "Administrator" the ability to grant accesses and permissions.
- ✓ allow for authorized users to alter or delete information as necessary to correct file information.
- ✓ allow secure wireless communication with mobile devices (tablets, smartphones, etc.).
- ✓ be compatible with an IP Protocol Environment.
- ✓ be securely backed up with full restore capability. Data security precautions must be demonstrated with industry best practice.
- ✓ customize workflow for specific job duties such as intake, classification, treatment, release, etc.
- ✓ allow System Administrators to correct data anomalies and ensure overall data integrity.
- ✓ merge two records after it is confirmed that they are the same person, by those users who are authorized to perform this function. remove or merge offender numbers and any associated data as errors are detected.
- ✓ provide real-time user feedback upon violations of data integrity constraints.

Area 31— Quartermaster and Asset Inventory Management

The CSI Personnel Management Module does have accommodations to track all agency issued equipment as well as agency owned equipment that is not issued to a specific person.

- **Inventory Management** – All issued equipment can be documented via Personnel module of InfoShare™ RMS. It's designed for managing the status of Assets (radios, camera/recording equipment, facilities, etc.), Supplies, and Uniforms that have been issued or assigned to personnel and or locations with the ability to record, track and report on all items that are issued within the agency, including purchase information, purchase vendor, life cycle, depreciation, replacement dates, inspections, repairs, and history of assignments to employees, other assets, or divisions
- **Fleet Maintenance and Management** –A distinct module Fleet Module is designed for tracking, documenting and reporting any problems with their units. Maintenance can be tracked, gas usage, expenses associated with the vehicles, invoices attached, photos of the unit can be attached and all vehicle equipment/accessory assigned to the unit can be documented. Automatic Maintenance reminders can also be developed to ensure that units are serviced on a regular basis. This feature helps ensure that *costs are cut by maintaining the fleet as opposed to fixing the fleet.*

Abilities of Inventory Management, InfoShare™ RMS —

- ✓ Asset Inventory items tracking (duty gear, tactical supplies, weapons, office supplies, etc.)
- ✓ Facilitate Item Ordering
- ✓ A Check-in/Check-out functionality to personnel
- ✓ Issuance history maintenance and templates for standard sets of issuances (e.g., a new hire)
- ✓ Barcode scanner ready and barcode compatible
- ✓ Limit issue of items based on certifications or licensing
- ✓ Facilitate Item Requests via Web-based portal through a standard web browser.
- ✓ Integrated with Personnel Management
- ✓ Clever Notification Alert
- ✓ Robust Reporting capability with standard "canned" and customizable reports
- ✓ Configurable security roles allowing appropriate access levels per user
- ✓ Ability to import/export data easily through .csv files
- ✓ Powerful data queries and filtering capability
- ✓ Full auditing capability
- ✓ Highly configurable to better suit the specific needs of RPD

Presented by CSI Technology Group 2018



Exhibit II
Sample Services & Pricing Schedule

The City desires a SaaS (Software as a Service) model, to include a "Site License Price". Please state Annual Membership Fee and annual increase (if any). The City would prefer a minimum of a 5-year total cost to include any annual increases if applicable.

Please complete below with your pricing information based on the following:

- Total Sworn Personnel: 750 Officers
- Total Concurrent Civilian Users: 250 Users
- Data Size for Migration and Conversion: 4TB

Description	Cost	Cost Per User
Law Enforcement Records Management, Incident Report Mobile Data System – Site License	\$2,400,000.00	\$2,400.00
Annual Support / Maintenance / Membership	\$720,000.00	\$720.00

Description	Est. Hours (Minimum)	Cost (Per Hour/Day)	Cost (Total Cost)
Data Conversion	1,000	\$125.00/Hour	\$125,000.00
Data Migration	4,000	\$125.00/Hour	\$500,000.00
Project Management and Installation	1,000	\$150.00/Hour	\$150,000.00
Pre-System Setup	200	\$125.00/Hour	\$25,000.00
RMS Training	200	\$300.00/Hour	\$60,000.00
Administrator Training	100	\$300.00/Hour	\$30,000.00
On Site Go Live Support	200	\$300.00/Hour	\$60,000.00

Mobile Training (can be web based)	200	\$300.00/Hour	\$60,000.00
Mobile Training (can be web based)	SEE ABOVE	SEE ABOVE	SEE ABOVE
GIS Mapping Setup	200	\$150.00/Hour	\$30,000.00
Third Party Cost	12 months	\$15,000/Month	\$180,000.00

Please use the field below to provide any additional clarification or explanation of pricing and licensing:

1. The maintenance period begins 91 days after Go-Live.

- 1st Year: \$720,000.00
- 2nd Year: \$720,000.00
- 3rd Year: \$720,000.00
- 4th Year: \$720,000.00
- 5th Year: \$720,000.00

Five-Year Total: \$3,600,000.00

2. The only third party cost is for the AWS GovCloud Hosting upon go-live.
There is an annual fee.

- 1st Year: \$180,000.00
- 2nd Year: \$180,000.00
- 3rd Year: \$180,000.00
- 4th Year: \$180,000.00
- 5th Year: \$180,000.00

Five-Year Total: \$900,000.00

3. AWS GovCloud Environment includes:

- AWS VPC with Firewall
- InfoRMS Live Environment - Six EC2 Instances 2x Application Servers with AWS Load Balancer
- 2x Database Servers (SQL) with Data High Availability 1x Data Interface Server
- 1x AD Server
- InfoRMS Staging Environment - Two EC2 Instances 1x Application Server
- 1x Database Server (SQL)
- AWS S3 Storage

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